

AUTHOR INDEX TO VOLUME 81

All authors of papers published in this volume are listed alphabetically. Full titles are included in each first author's entry. The bibliographic notations (C) and (E) refer to Comments and to Errata.

- Abanov, A.G.; J.C. Talstra, and P.B. Wiegmann** – Asymptotically Exact Wave Functions of the Harper Equation – 2112
- Abarbanel, Henry D.I.** (see Elson, Robert C.) – 5692
- Abarzhi, S.I.** – Stable Steady Flows in Rayleigh-Taylor Instability – 337
- Abbott, B. et al. (D0 Collaboration)** – Search for Charge-1/3 Third-Generation Leptoquarks in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV – 38
- ____ **et al. (D0 Collaboration)** – Search for Heavy Pointlike Dirac Monopoles – 524
- Abbott, D.** (see Niculescu, G.) – 1805
- Abbott, D.J.** (see Bochna, C.) – 4576
- Abdallah, M.A.; C.L. Cocke, W. Wolff, H. Wolf, S.D. Kravis, M. Stöckli, and E. Kamber** – Momentum Images of Continuum Electrons from He^+ and He^{2+} on He: Ubiquity of π Structure in the Continuum – 3627
- Abd-Elmeguid, M.M.** (see Winkelmann, H.) – 4947
- Abe, F. et al. (CDF Collaboration)** – Measurement of the $\sigma(W + \geq 1 \text{ Jet})/\sigma(W)$ Cross Section Ratio from $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV – 1367
- ____ **et al. (CDF Collaboration)** – Searches for New Physics in Diphoton Events in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV – 1791
- ____ **et al. (CDF Collaboration)** – Observation of the B_c Meson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV – 2432
- ____ **et al. (CDF Collaboration)** – Search for Second Generation Leptoquarks in the Dimuon Plus Dijet Channel of $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV – 4806
- ____ **et al. (CDF Collaboration)** – Events with a Rapidity Gap between Jets in $p\bar{p}$ Collisions at $\sqrt{s} = 630$ GeV – 5278
- ____ **et al. (CDF Collaboration)** – Measurement of the CP -Violation Parameter $\sin(2\beta)$ in $B_d^0/\bar{B}_d^0 \rightarrow J/\psi K_S^0$ Decays – 5513
- ____ **et al. (CDF Collaboration)** – Search for the Decays $B_s^0, B_d^0 \rightarrow e^\pm \mu^\mp$ and Pati-Salam Leptoquarks – 5742
- ____ **et al. (CDF Collaboration)** – Search for Higgs Bosons Produced in Association with a Vector Boson in $p\bar{p}$ Collisions at $\sqrt{s} = 1.8$ TeV – 5748
- ____ **et al. (CDF Collaboration)** – Measurement of the Lepton Charge Asymmetry in W -Boson Decays Produced in $p\bar{p}$ Collisions – 5754
- Abe, H.** (see Trenkler, J.) – 2276
- Abe, K. et al. (SLD Collaboration)** – Direct Measurement of Parity Violation in the Coupling of Z^0 Bosons to b Quarks Using a Mass Tag and Momentum-Weighted Track Charge – 942
- ____ (see Abe, K.) – 942
- ____ (see Odaka, S.) – 2428
- Abe, T.** (see Abe, K.) – 942
- Abfalterer, W.P.; F.B. Bateman, F.S. Dietrich, Ch. Elster, R.W. Finlay, W. Glöckle, J. Golak, R.C. Haight, D. Hüber, G.L. Morgan, and H. Witala** – Inadequacies of the Nonrelativistic $3N$ Hamiltonian in Describing the $n + d$ Total Cross Section – 57
- Abolins, M.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Abraham, D.W.** (see Koch, R.H.) – 4512
- Abraham, M.** (see Vietze, U.) – 4628
- Abrams, Daniel S.; and Seth Lloyd** – Nonlinear Quantum Mechanics Implies Polynomial-Time Solution for NP -Complete and $\#P$ Problems – 3992
- Abrashkevich, Alexander; Moshe Shapiro, and Paul Brumer** – Coherent Control of Reactive Scattering – 3789
- Abrikosov, I.A.** (see Simak, S.I.) – 188
- Abriola, D.** (see Avignone, F.T., III) – 5068
- Abruña, H.D.** (see Finnefrock, A.C.) – 3459
- Acebrón, J.A.; and R. Spigler** – Adaptive Frequency Model for Phase-Frequency Synchronization in Large Populations of Globally Coupled Nonlinear Oscillators – 2229
- Acharya, B.S.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Achler, M.** (see Dörner, R.) – 5776
- Ackerstaff, K. et al. (HERMES Collaboration)** – Flavor Asymmetry of the Light Quark Sea from Semi-inclusive Deep-Inelastic Scattering – 5519
- Ackland, G.J.** – Ackland Replies – 3301(C)
- Aclander, J.** (see Mardor, I.) – 5085
- Adam, I.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- ____ (see Abe, K.) – 942
- Adam, J.C.** (see Fuchs, J.) – 4275(C)
- Adams, D.L.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Adams, G.S. et al. (E852 Collaboration)** – Observation of a New $J^{PC} = 1^{-+}$ Exotic State in the Reaction $\pi^- p \rightarrow \pi^+ \pi^- \pi^- p$ at 18 GeV/ c – 5760
- Adams, M.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Adams, M.A.** (see Dimeo, R.M.) – 5860
- Adams, T.** (see Adams, G.S.) – 5760
- Adeyeye, A.O.** (see Cowburn, R.P.) – 5414
- Adrian, H.** (see Bernhoeft, N.) – 3419
- Adrover, A.** (see Alvarez, M.M.) – 3395
- ____ (see Giona, M.) – 3864
- Aegerter, C.M.** (see Lee, S.L.) – 5209
- Afeyan, B.B.** (see Wharton, K.B.) – 2248
- Afonso, C.N.** (see Sokolowski-Tinten, K.) – 3679
- Agam, Oded** (see Ueda, Masahito) – 4000
- Agamalian, M.; E. Iolin, L. Rusevich, C.J. Glinka, and G.D. Wignall** – Back-Face Bragg Diffraction from a Perfect and Ultralightly Deformed Thick Crystal – 602
- Ager, C.** (see Lee, S.L.) – 5209
- Aggarwal, M.M. et al. (WA98 Collaboration)** – Centrality Dependence of Neutral Pion Production in 158A GeV $^{208}\text{Pb} + ^{208}\text{Pb}$ Collisions – 4087
- Agnihotri, A.** (see Aggarwal, M.M.) – 4087
- Agostini, P.** (see Lange, H.R.) – 1611
- Agraït, N.** (see Cuevas, J.C.) – 2990
- Aguado, Ramón; and Gloria Platero** – Photoinduced Multistable Phenomena in the Tunneling Current through Doped Superlattices – 4971
- ____ (see López, Rosa) – 4688
- Aguerre-Chariol, Olivier** (see Shahidzadeh, Noushine) – 4268
- Aguilera, E.F.** (see Kolata, J.J.) – 4580
- Ahammed, Z.** (see Aggarwal, M.M.) – 4087
- Aharonov, Yakir; Benni Reznik, and Ady Stern** – Quantum Limitations on Superluminal Propagation – 2190
- Aharony, Amnon; A. Brooks Harris, and Shai Wiseman** – Critical Disordered Systems with Constraints and the Inequality $\nu > 2/d$ – 252
- Ahle, L. et al. (E-802 Collaboration)** – Antiproton Production in Au + Au Collisions at 11.7A GeV/ c – 2650
- Ahlers, Guenter** (see Bajaj, Kapil M.S.) – 806
- Ahlgren, T.** – Identification of Silicon Interstitials in Ion Implanted GaAs – 842

AUTHOR INDEX

- Ahmidouch, A.** (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
Ahn, J. (see Weinacht, T.C.) – 3050(E)
Ahn, S. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Ahner, W. (see Shin, Y.) – 1576
Ahrens, Heiko; Stephan Förster, and Christiane A. Helm – Charged Polymer Brushes: Counterion Incorporation and Scaling Relations – 4172
Aign, T.; P. Meyer, S. Lemerle, J.P. Jamet, J. Ferré, V. Mathet, C. Chappert, J. Gierak, C. Vieu, F. Rousseaux, H. Launois, and H. Bernas – Magnetization Reversal in Arrays of Perpendicularly Magnetized Ultrathin Dots Coupled by Dipolar Interaction – 5656
Aihara, H. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Airapetian, A. (see Ackerstaff, K.) – 5519
Aitala, E.M. *et al.* (Fermilab E791 Collaboration) – Search for the Pentaquark via the $P_{cs}^0 \rightarrow \phi \pi p$ Decay – 44
Aitchison, J.S. (see Eisenberg, H.S.) – 3383
Aizawa, T. (see Souda, R.) – 465
Ajaka, J. *et al.* – New Measurement of Σ Beam Asymmetry for η Meson Photoproduction on the Proton – 1797
Ajayan, P.M.; V. Ravikumar, and J.-C. Charlier – Surface Reconstructions and Dimensional Changes in Single-Walled Carbon Nanotubes – 1437
 ____ (see Carroll, D.L.) – 2332
 ____ (see Kiang, C.-H.) – 1869
Ajdari, Armand (see Long, Didier) – 1529
Ajimura, S. (see Bhang, H.) – 4321
Akagi, T. (see Abe, K.) – 942
Akai, H. – Ferromagnetism and Its Stability in the Diluted Magnetic Semiconductor (In, Mn)As – 3002
Akhmediev, Nail; Wiesław Królikowski, and A.W. Snyder – Partially Coherent Solitons of Variable Shape – 4632
Akhmedov, E.Kh.; V.A. Rubakov, and A.Yu. Smirnov – Baryogenesis via Neutrino Oscillations – 1359
Akhoury, Ratindranath; Michael G. Sotiropoulos, and George Sterman – Operator Expansion for the Elastic Limit – 3819
Akiba, Y. (see Ahle, L.) – 2650
Akimitsu, J. (see Nagata, T.) – 1090
Akimitsu, Jun (see Eccleston, Roger S.) – 1702
Akimoto, H. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Akino, N. (see Kosterlitz, J.M.) – 4672
Akis, R.; D.K. Ferry, and J.P. Bird – Akis, Ferry, and Bird Reply – 1745(C)
Akiyama, H. (see Nordstrom, K.B.) – 457
Akiyama, R. (see Fujisawa, A.) – 2256
Akopian, A. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Akopov, N. (see Ackerstaff, K.) – 5519
Akushevich, I. (see Ackerstaff, K.) – 5519
Al kahwaji, A. (see Greffier, O.) – 3860
Alam, M.S. *et al.* (CLEO Collaboration) – Further Search for the Two-Photon Production of the Glueball Candidate $f_J(2220)$ – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Alavi, B. (see Chow, D.S.) – 3984
Alberici-Kious, F.; J.P. Bouchaud, L.F. Cugliandolo, P. Doussineau, and A. Levelut – Aging in $K_{1-x}Li_xTaO_3$: A Domain Growth Interpretation – 4987
Albert, K. (see Sinzig, J.) – 3211
Albert, M. (see Yao, Y.) – 550
Albert, Réka; Albert-László Barabási, Nathan Carle, and Andrew Dougherty – Driven Interfaces in Disordered Media: Determination of Universality Classes from Experimental Data – 2926
Albridge, R.G. (see Yao, Y.) – 550
Albright, Carl H.; K.S. Babu, and S.M. Barr – Minimality Condition and Atmospheric Neutrino Oscillations – 1167
Albrow, M.G. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Aleiner, I.L.; and A.V. Andreev – Adiabatic Charge Pumping in Almost Open Dots – 1286
 ____ (see Kaminski, A.) – 685
 ____ (see Lyanda-Geller, Yuli) – 3215
Alekseev, Anton Yu.; Vadim V. Cheianov, and Jürg Fröhlich – Universality of Transport Properties in Equilibrium, the Goldstone Theorem, and Chiral Anomaly – 3503
Alencar, A.M. (see Andrade, J.S., Jr.) – 926
Alex, V. (see Leitch, A.W.R.) – 421
Alexander, J.M. (see Danielewicz, P.) – 2438
Alexander, J.P. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Alexiou, S. (see Godbert-Mouret, L.) – 5568
Alfé, Dario; and Michael J. Gillan – First-Principles Calculation of Transport Coefficients – 5161
Alhassid, Y. (see Kusnezov, Dimitri) – 542
 ____ (see Patel, S.R.) – 5900
Aliaga-Rossel, R. (see Lebedev, S.V.) – 4152
Allick, Robert – Quantum Mechanical Tools in Applications to Classical Dynamical Systems – 2040
Aliev, F.G.; V.V. Moshchalkov, and Y. Bruynseraede – Quantum Phase Transition in Fe/Cr Multilayers Tuned by a Magnetic Field – 5884
Aliev, Fouad M. (see Panarin, Yuri P.) – 2699
Aligia, A.A. (see Batista, C.D.) – 4027(C)
Allaart, K. (see Onderwater, C.J.G.) – 2213
Allahyarov, E.; I. D’Amico, and H. Löwen – Attraction between Like-Charged Macroions by Coulomb Depletion – 1334
Allen, B. (see Avelino, P.P.) – 2008
Allen, J.W. (see Gweon, G.-H.) – 886
Allen, L. (see Courtial, J.) – 4828
Allen, N.J. (see Abe, K.) – 942
Allen, S.J. (see Nordstrom, K.B.) – 457
Allodi, G.; R. De Renzi, F. Licci, and M.W. Pieper – First Order Nucleation of Charge Ordered Domains in $La_{0.5}Ca_{0.5}MnO_3$ Detected by ^{139}La and ^{55}Mn NMR – 4736

- Almarza, N.G.** (see Enciso, E.) – 4432
- Almeida, M.P.** (see Andrade, J.S., Jr.) – 926
- Almgren, Robert F.** – Comment on “Selection of the Saffman-Taylor Finger Width in the Absence of Surface Tension: An Exact Result” – 5951(C)
- Alphenaar, B.W.; H.O. Müller, and K. Tsukagoshi** – Detection of Spin-Flip Relaxation Using Quantum Point Contacts – 5628
- Al-Rashed, Abdul-Azeez R.** (see Jost, Bradley M.) – 2233
- Alster, J.** (see Mardor, I.) – 5085
- Alt, E.O.; A.M. Mukhamedzhanov, and A.I. Sattarov** – Calculation of Proton-Deuteron Elastic Scattering at 10 MeV with a Realistic Potential – 4820
- Alt, H.; C.I. Barbosa, H.-D. Gräf, T. Guhr, H.L. Harney, R. Hofferbert, H. Rehfeld, and A. Richter** – Coupled Microwave Billiards as a Model for Symmetry Breaking – 4847
- Altarelli, Massimo** (see Fabrizio, Michele) – 4030(E)
- Althoff, F.; T. Andersson, and S. Andersson** – Althoff, Andersson, and Andersson Reply – 1743(C)
- Altieri, S.** (see Tjeng, L.H.) – 734(C)
- Altland, A.** (see Brouwer, P.W.) – 862
- Altman, Ehud; and Assa Auerbach** – Haldane Gap and Fractional Oscillations in Gated Josephson Arrays – 4484
- Altman, R.A.** (see Koch, R.H.) – 4512
- Altshuler, Boris L.** (see Wingreen, Ned S.) – 4280(E)
- Alvarado, S.F.; P.F. Seidler, D.G. Lidzey, and D.D.C. Bradley** – Direct Determination of the Exciton Binding Energy of Conjugated Polymers Using a Scanning Tunneling Microscope – 1082
- Alvarez Gomariz, H.** (see Russell, E. Vidal) – 1461
- Alvarez, M.M.; F.J. Muzzio, S. Cerbelli, A. Adrover, and M. Giona** – Self-Similar Spatiotemporal Structure of Intermaterial Boundaries in Chaotic Flows – 3395
- Alves, G.A.; S. Amato, J.C. Anjos, J.A. Appel, J. Astorga, S.B. Bracker, L.M. Cremaldi, W.D. Dagenhart, C.L. Darling, R.L. Dixon, D. Errede, H.C. Fenker, C. Gay, D.R. Green, R. Jedicke, P.E. Karchin, C. Kennedy, S. Kwan, L.H. Lueking, J.R.T. de Mello Neto, J. Metheny, R.H. Milburn, J.M. de Miranda, H. da Motta Filho, A. Napier, D. Passmore, A. Rafatian, A.C. dos Reis, W.R. Ross, A.F.S. Santoro, M. Sheaff, M.H.G. Souza, W.J. Spalding, C. Stoughton, M.E. Streetman, D.J. Summers, S.F. Takach, A. Wallace, and Z. Wu (Fermilab E769 Collaboration)** – Erratum: Forward Cross Sections for Production of D^+ , D^0 , D_s , D^{*+} , and Λ_c in 250 GeV $\pi^\pm$, $K^\pm$, and p Interactions with Nuclei [Phys. Rev. Lett. 77, 2388 (1996)] – 1537(E)
- ____ (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Amadon, A.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Amako, K.** (see Odaka, S.) – 2428
- Amaral, Luís A. Nunes; Ary L. Goldberger, Plamen Ch. Ivanov, and H. Eugene Stanley** – Scale-Independent Measures and Pathologic Cardiac Dynamics – 2388
- Amari, S.** (see Nicolussi, G.K.) – 3583
- Amari, Shun-ichi** (see Rattray, Magnus) – 5461
- Amarian, M.** (see Ackerstaff, K.) – 5519
- Amato, S.** (see Aitala, E.M.) – 44
- ____ (see Alves, G.A.) – 1537(E)
- Amatuni, Ts.A.** (see Niculescu, G.) – 1805
- Amblard, F.; A.C. Maggs, B. Yurke, A.N. Pargellis, and S. Leibler** – Amblard *et al.* Reply – 1135(C)
- ____ **A.C. Maggs, B. Yurke, A.N. Pargellis, and S. Leibler** – Erratum: Subdiffusion and Anomalous Local Viscoelasticity in Actin Networks [Phys. Rev. Lett. 77, 4470 (1996)] – 1136(E)
- Ambrose, D.; C. Arroyo, M. Bachman, P. de Cecco, D. Connor, M. Eckhause, K.M. Ecklund, S. Graessle, A.D. Hancock, K. Hartman, M. Hebert, C.H. Hoff, G.W. Hoffmann, G.M. Irwin, J.R. Kane, N. Kanematsu, Y. Kuang, K. Lang, R. Lee, R.D. Martin, J. McDonough, A. Milder, W.R. Molzon, M. Pommot-Maia, P.J. Riley, J.L. Ritchie, P.D. Rubin, V.I. Vassilakopoulos, C.B. Ware, R.E. Welsh, S.G. Wojcicki, E. Wolin, and S. Worm (BNL E871 Collaboration)** – First Observation of the Rare Decay Mode $K_L^0 \rightarrow e^+ e^-$ – 4309
- ____ **C. Arroyo, M. Bachman, D. Connor, M. Eckhause, S. Graessle, A.D. Hancock, K. Hartman, M. Hebert, C.H. Hoff, G.W. Hoffmann, G.M. Irwin, J.R. Kane, N. Kanematsu, Y. Kuang, K. Lang, R. Lee, R.D. Martin, J. McDonough, A. Milder, W.R. Molzon, M. Pommot-Maia, P.J. Riley, J.L. Ritchie, P.D. Rubin, V.I. Vassilakopoulos, R.E. Welsh, and S.G. Wojcicki (BNL E871 Collaboration)** – New Limit on Muon and Electron Lepton Number Violation from $K_L^0 \rightarrow \mu^\pm e^\mp$ Decay – 5734
- Ambrosini, B.** (see Dolinšek, J.) – 3671
- ____ (see Gavilano, J.L.) – 5648
- Ambrozewicz, P.** (see Niculescu, G.) – 1805
- Amendolia, S.R.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Amendt, P.** (see Murphy, T.J.) – 108
- Amidei, D.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Amiranoff, F.; S. Baton, D. Bernard, B. Cros, D. Descamps, F. Dorchies, F. Jacquet, V. Malka, J.R. Marquès, G. Matthieussent, P. Miné, A. Modena, P. Mora, J. Morillo, and Z. Najmudin** – Observation of Laser Wakefield Acceleration of Electrons – 995
- ____ (see Fuchs, J.) – 4275(C)
- Ammar, R.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Amoretti, Giuseppe** (see Caciuffo, Roberto) – 4744
- Amos, N.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Anandan, J.** – Global Topology and Local Violation of Discrete Symmetries – 1363
- Anastassopoulos, D.L.; G.D. Priftis, C. Toprakcioglu, and A.A. Vradis** – Compton Scattering from PTFE: Probing Electron-Charge Redistribution in Polymer Phase Transitions – 830
- Anastassov, A.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823

AUTHOR INDEX

- (see Bergfeld, T.) – 272
 — (see Browder, T.E.) – 1786
Anderegg, F.; E.M. Hollmann, and C.F. Driscoll – Rotating Field Confinement of Pure Electron Plasmas Using Trivelpiece-Gould Modes – 4875
Anders, Frithjof B. (see Schiller, Avraham) – 3235
Andersen, K.H. (see Dimeo, R.M.) – 5860
 — (see Stuhr, U.) – 1449
Andersen, L.H. (see Pedersen, H.B.) – 5302
Anderson, Arlen; and James W. York, Jr. – Hamiltonian Time Evolution for General Relativity – 1154
Anderson, C.R. (see Dimeo, R.M.) – 5860
Anderson, Dana Z. (see Shkunov, Vladimir V.) – 2683
Anderson, E.W. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
Anderson, John D.; Philip A. Laing, Eunice L. Lau, Anthony S. Liu, Michael Martin Nieto, and Slava G. Turyshev – Indication, from Pioneer 10/11, Galileo, and Ulysses Data, of an Apparent Anomalous, Weak, Long-Range Acceleration – 2858
Anderson, L.W. (see Piech, Garrett A.) – 309
Anderson, S. et al. (CLEO Collaboration) – First Search for *CP* Violation in Tau Lepton Decay – 3823
 — (see Alam, M.S.) – 3328
 — (see Bergfeld, T.) – 272
 — (see Browder, T.E.) – 1786
 — (see Hogan, M.J.) – 4867
 — (see Tremaine, A.) – 5816
Andersson, S. (see Althoff, F.) – 1743(C)
Andersson, T. (see Althoff, F.) – 1743(C)
Andersson, T.G. (see Bösker, G.) – 3443
Ando, T. (see Maeno, Y.) – 3765
Andou, Gou (see Kimura, Kenji) – 5438
Andrade, J.S., Jr.; A.M. Alencar, M.P. Almeida, J. Mendes Filho, S.V. Buldyrev, S. Zapperi, H.E. Stanley, and B. Suki – Asymmetric Flow in Symmetric Branched Structures – 926
André, R. (see Dang, Le Si) – 3920
Andreev, A.V.; and A. Kamenev – Itinerant Ferromagnetism in Disordered Metals: A Mean-Field Theory – 3199
 — (see Aleiner, I.L.) – 1286
Andrei, E.Y. (see Henderson, W.) – 2352
Andrews, M.R. (see Stamper-Kurn, D.M.) – 500
Anferov, V.A. (see Blinov, B.B.) – 2906
Angelani, L.; G. Parisi, G. Ruocco, and G. Viliani – Connected Network of Minima as a Model Glass: Long Time Dynamics – 4648
Angelescu, T. (see Niculescu, G.) – 1805
Angelico, R.; U. Olsson, G. Palazzo, and A. Ceglie – Surfactant Curvilinear Diffusion in Giant Wormlike Micelles – 2823
Angelis, A.L.S. (see Aggarwal, M.M.) – 4087
Anghel, D.V.; J.P. Pekola, M.M. Leivo, J.K. Suoknuuti, and M. Manninen – Properties of the Phonon Gas in Ultrathin Membranes at Low Temperature – 2958
Anghinolfi, M. (see Ajaka, J.) – 1797
Anglaret, Eric; Stéphane Rols, and Jean-Louis Sauvajol – Comment on “Effect of the Growth Temperature on the Diameter Distribution and Chirality of Single-Wall Carbon Nanotubes” – 4780(C)
Anisimov, S.I. (see Sokolowski-Tinten, K.) – 224
Anjos, J.C. (see Aitala, E.M.) – 44
 — (see Alves, G.A.) – 1537(E)
Anlage, Steven M. (see Wu, Dong Ho) – 2890
Anninos, Peter; and Steven Brandt – Head-On Collision of Two Unequal Mass Black Holes – 508
Anraku, K. (see Matsunaga, H.) – 4052
Ansell, S. (see Krishnan, S.) – 586
Anthony, D.W. (see Davids, B.) – 2209
Antoine, Philippe (see de Bohan, Armelle) – 1837
 — (see Salières, Pascal) – 5544
Anton, G. (see Bock, A.) – 534
Antonelli, A.; Efthimios Kaxiras, and D.J. Chadi – Vacancy in Silicon Revisited: Structure and Pressure Effects – 2088
Antonenko, V. (see Aggarwal, M.M.) – 4087
Antoniu, N.G.; Y.F. Contoyiannis, F.K. Diakonos, and C.G. Papadopoulos – Fractals at $T = T_c$ due to Instantonlike Configurations – 4289
Antos, J. (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
Antunes, Nuno D.; and Luís M.A. Bettencourt – The Length Distribution of Vortex Strings in $U(1)$ Equilibrium Scalar Field Theory – 3083
Ao, P. (see Wexler, C.) – 4277(C)
Aoki, K. (see Bhang, H.) – 4321
Aoki, Nobuyuki (see Yamada, Syoji) – 5422
Aoki, S.; M. Fukugita, S. Hashimoto, N. Ishizuka, Y. Iwasaki, K. Kanaya, Y. Kuramashi, M. Okawa, A. Ukawa, and T. Yoshié (JLQCD Collaboration) – Lattice QCD Calculation of the Kaon B Parameter with the Wilson Quark Action – 1778
Aota, S. (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
Apanasevich, L. et al. (Fermilab E706 Collaboration) – Evidence for Parton k_T Effects in High- p_T Particle Production – 2642
Apfel, Robert E. (see Ketterling, Jeffrey A.) – 4991
Apollinari, G. (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
Appel, J.A. (see Aitala, E.M.) – 44
 — (see Alves, G.A.) – 1537(E)
Applebe, D. (see Longour, C.) – 3337
Appleyard, N.J.; J.T. Nicholls, M.Y. Simmons, W.R. Tribe, and M. Pepper – Thermometer for the 2D Electron Gas using 1D Thermopower – 3491
Aprili, M. (see Jelila, F.S.) – 1933
Arad, Itai; Brindesh Dhruva, Susan Kurien, Victor S. L’vov, Itamar Procaccia, and K.R. Sreenivasan – Extraction of Anisotropic Contributions in Turbulent Flows – 5330
Arai, Y. (see Odaka, S.) – 2428
Ara-Kato, Norihiko (see Nishiguchi, Tetsuya) – 3187
Araki, Takeaki (see Tanaka, Hajime) – 389
Arauz-Lara, J.L. (see Cruz de León, G.) – 1122
Arbe, A.; J. Colmenero, M. Monkenbusch, and D. Richter – Dynamics of Glass-Forming Polymers: “Homogeneous” versus “Heterogeneous” Scenario – 590

- Arbell, H.; and J. Fineberg** – Spatial and Temporal Dynamics of Two Interacting Modes in Parametrically Driven Surface Waves – 4384
- Ardavan, A.; J.M. Schrama, S.J. Blundell, J. Singleton, W. Hayes, M. Kurmoo, P. Day, and P. Goy** – New Kind of Magneto-Optical Resonance Observed in the Organic Metal α -(BEDT-TTF)₂KHg(SCN)₄ – 713
- Arecchi, F.T.** (see Ramazza, P.L.) – 4128
- Arefiev, V.** (see Aggarwal, M.M.) – 4087
- Argyriou, D.N.** (see Osborn, R.) – 3964
- Arias, T.A.** (see Yeşilten, D.) – 2998
- Arima, T.** (see Murakami, Y.) – 582
- Arisawa, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Arko, A.J.; and J.J. Joyce** – CeSi₂ Photoemission Spectra at 5 meV Resolution – 1348(C)
- Armbruster, B.; I.M. Blair, B.A. Bodmann, N.E. Booth, G. Drexlin, V. Eberhard, J.A. Edgington, C. Eichner, K. Eitel, E. Finckh, H. Gemmeke, J. Höbl, T. Jannakos, P. Jünger, M. Kleifges, J. Kleinfeller, W. Kretschmer, R. Maschuw, C. Oehler, P. Plischke, J. Rapp, C. Ruf, M. Steidl, O. Stumm, J. Wolf, and B. Zeitnitz** – Measurement of the Energy Spectrum of ν_e from Muon Decay and Implications for the Lorentz Structure of the Weak Interaction – 520
- Armitage, A.** (see Baumberg, J.J.) – 661
- Armstrong, C.S.** (see Bochna, C.) – 4576
- ____ (see Niculescu, G.) – 1805
- Arnason, S.B.; S.P. Herschfield, and A.F. Hebard** – Bad Metals Made with Good-Metal Components – 3936
- Arodzero, A.** (see Abe, K.) – 942
- Aronson, M.C.** (see Gweon, G.-H.) – 886
- Aroyo, M.** (see Perez-Mato, J.M.) – 2462
- Arrington, J.** (see Bochna, C.) – 4576
- Arroyo, C.** (see Ambrose, D.) – 4309
- ____ (see Ambrose, D.) – 5734
- Arroyo, C.G.** (see Kim, J.H.) – 3595
- Arsenov, A.A.** (see Ghosh, K.) – 4740
- Artacho, E.** (see Garzón, I.L.) – 1600
- Artuso, M.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Artzner, F.; R. Zantl, G. Rapp, and J.O. Rädler** – Observation of a Rectangular Columnar Phase in Condensed Lamellar Cationic Lipid-DNA Complexes – 5015
- Aruga Katori, H.** (see Satooka, J.) – 709
- Asai, M.** (see Ishii, T.) – 4100
- Asakawa, H.** (see Honda, Z.) – 2566
- Asakawa, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Asakura, H.** (see Yoshida, Z.) – 2458
- Asamitsu, A.** (see Kimura, T.) – 5920
- ____ (see Okuda, T.) – 3203
- Asano, Y.** (see Odaka, S.) – 2428
- Asari, E.** (see Souda, R.) – 465
- Aschenauer, E.C.** (see Onderwater, C.J.G.) – 2213
- Aselage, T.L.; D. Emin, S.S. McCreedy, and R.V. Duncan** – Large Enhancement of Boron Carbides' Seebeck Coefficients through Vibrational Softening – 2316
- Ash, W.W.** (see Abe, K.) – 942
- Ashcroft, N.W.** (see Louis, A.A.) – 4456
- Ashenauer, E.C.** (see Ackerstaff, K.) – 5519
- Ashery, D.** (see Aitala, E.M.) – 44
- Ashktorab, K.** (see Ahle, L.) – 2650
- Ashmanskas, W.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Asner, D.M.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Aso, N.** (see Bernhoeft, N.) – 4244
- Aspect, A.** (see Cagnet, L.) – 942
- Asraf, D.E.** (see Robinson, J.W.C.) – 2850
- Assamagan, K.** (see Niculescu, G.) – 1805
- Assamagan, K.A.** (see Bochna, C.) – 4576
- Assmus, W.** (see Gegenwart, P.) – 1501
- Astakhov, V.** (see Aggarwal, M.M.) – 4087
- Aston, D.** (see Abe, K.) – 942
- Astorga, J.** (see Alves, G.A.) – 1537(E)
- Astur, R.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Atac, M.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Atalla, B.** (see Kolata, J.J.) – 4580
- Athanas, M.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Athanassopoulos, C.; L.B. Auerbach, R.L. Burman, D.O. Caldwell, E.D. Church, I. Cohen, J.B. Donahue, A. Fazely, F.J. Federspiel, G.T. Garvey, R.M. Gunasingha, R. Imlay, K. Johnston, H.J. Kim, W.C. Louis, R. Majkic, K. McIlhany, G.B. Mills, R.A. Reeder, V. Sandberg, D. Smith, I. Stancu, W. Strossman, R. Tayloe, G.J. VanDalen, W. Vernon, N. Wadia, J. Waltz, D.H. White, D. Works, Y. Xiao, and S. Yellin (LSND Collaboration)** – Results on $\nu_\mu \rightarrow \nu_e$ Neutrino Oscillations from the LSND Experiment – 1774
- Athar, S.B.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Atwood, David; and Amarjit Soni** – Two-body Decays of the b Quark: Applications to Direct CP Violation, Searches for Electroweak Penguins, and New Physics – 3324
- Auerbach, Assa** (see Altman, Ehud) – 4484

AUTHOR INDEX

- Auerbach, L.B.** (see Athanassopoulos, C.) – 1774
Auerbach, S.M. (see Favre, D.E.) – 5852
Aumayr, F. (see Lemell, C.) – 1965
Aurell, Erik (see Dzugutov, Mikhail) – 1762
Austin, Sam M. (see Davids, B.) – 2209
Auth, C.; A. Mertens, H. Winter, and A. Borisov – Threshold in the Stopping of Slow Protons Scattered from the Surface of a Wide-Band-Gap Insulator – 4831
Auvray, L. (see Guenoun, P.) – 3872
Avakian, H. (see Ackerstaff, K.) – 5519
Avakian, R. (see Ackerstaff, K.) – 5519
Avaldi, L. (see Taouil, I.) – 4600
Avanci, L.H.; L.P. Cardoso, S.E. Girdwood, D. Pugh, J.N. Sherwood, and K.J. Roberts – Piezoelectric Coefficients of mNA Organic Nonlinear Optical Material Using Synchrotron X-Ray Multiple Diffraction – 5426
Avdeitchikov, V. (see Aggarwal, M.M.) – 4087
Avelino, P.P.; E.P.S. Shellard, J.H.P. Wu, and B. Allen – Cosmic-String-Seeded Structure Formation – 2008
Avelin, O. (see Hakonen, P.) – 3451
Averin, D.V. (see Nazarov, Yuli V.) – 653
Averkamp, P. (see Kassühlke, B.) – 2771
Avery, A.R. (see Itoh, M.) – 633
Avery, P. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Avery, S. (see Niculescu, G.) – 1805
Avetissian, A. (see Ackerstaff, K.) – 5519
Avignone, F.T., III; D. Abriola, R.L. Brodzinski, J.I. Collar, R.J. Creswick, D.E. DiGregorio, H.A. Farach, A.O. Gattone, C.K. Guérard, F. Hasenbalg, H. Huck, H.S. Miley, A. Morales, J. Morales, S. Nussinov, A. Ortiz de Solórzano, J.H. Reeves, J.A. Villar, and K. Zioutas (SOLAX Collaboration) – Experimental Search for Solar Axions via Coherent Primakoff Conversion in a Germanium Spectrometer – 5068
Avishai, Y. (see Goldin, Y.) – 5394
Avouris, Ph. (see Lang, N.D.) – 3515
Avramenko, N. (see Bogdan, A.) – 1042
Awes, T.C. (see Aggarwal, M.M.) – 4087
Axelsson, L. (see Longour, C.) – 3337
Axt, V.M. (see Bartels, G.) – 5880
Azaria, P.; C. Hooley, P. Lecheminant, C. Lhuillier, and A.M. Tselik – Kagomé Lattice Antiferromagnet Stripped to Its Basics – 1694
Azfar, F. (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Aziz, Michael J. (see Barvosa-Carter, William) – 1445
Aznar, R. (see Séro, Y.) – 5584
Azuma, Y. (see Wehlitz, R.) – 1813
Azzi-Bacchetta, P. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754

Baarmand, M.M. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Baba, P.V.K.S. (see Aggarwal, M.M.) – 4087
Baberschke, K. (see Bovensiepen, U.) – 2368

Babu, K.S. (see Albright, Carl H.) – 1167
Babukhadia, L. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Bacchetta, N. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Bach, A. (see Kromer, F.) – 4476
Bachman, M. (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
Bacigalupi, J. (see Apanasevich, L.) – 2642
Back, B.B. (see Rehm, K.E.) – 3341
Back, C.A. (see Glenzer, S.H.) – 365
Back, C.H.; D. Weller, J. Heidmann, D. Mauri, D. Guarisco, E.L. Garwin, and H.C. Siegmann – Magnetization Reversal in Ultrashort Magnetic Field Pulses – 3251
Backhaus, S. (see Simmonds, R.W.) – 1247
Backhaus, Scott; and Richard E. Packard – Shot Noise Acoustic Radiation Generated by Phase Slippage in Superfluid ^4He – 1893
Baden, A. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Bader, S.D. (see Osborn, R.) – 3964
Badiali, J.P. (see Vakarin, E.V.) – 3904
Badyal, S.K. (see Aggarwal, M.M.) – 4087
Baer, A. (see Levin, J.) – 3347
Baer, Y. (see Garnier, M.) – 1349(C)
Baerends, E.J. (see Kroes, G.J.) – 4781(E)
Bagdasarov, S. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Baggs, R. (see Prinz, A.A.) – 1175
Bagshow, A. (see Frattini, S.) – 2659
Baguenard, B. (see Pinaré, J.C.) – 2225
Bai, J. (see Trenkler, J.) – 2276
Bai, J.Z. et al. (BES Collaboration) – Experimental Study of J/ψ Radiative Decay to $\pi^0\pi^0$ – 1179
 ____ **et al. (BES Collaboration)** – Study of the P -Wave Charmonium State χ_{cJ} in $\psi(2S)$ Decays – 3091
 ____ **et al. (BES Collaboration)** – $\psi(2S)$ Hadronic Decays to Vector-Tensor Final States – 5080
Baiko, D.A.; A.D. Kaminker, A.Y. Potekhin, and D.G. Yakovlev – Ion Structure Factors and Electron Transport in Dense Coulomb Plasmas – 5556
Bailey, K. (see Niculescu, G.) – 1805
Bailey, M.W. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Bains, B. (see Ackerstaff, K.) – 5519
Baird, K.G. (see Abe, K.) – 942

- Bajaj, Kapil M.S.; Jun Liu, Brian Naberhuis, and Guenter Ahlers** – Square Patterns in Rayleigh-Bénard Convection with Rotation about a Vertical Axis – 806
- Bajc, Borut; Antonio Riotto, and Goran Senjanović** – Large Lepton Number of the Universe and the Fate of Topological Defects – 1355
- Baker, Gregory L.; James A. Blackburn, and H.J.T. Smith** – Intermittent Synchronization in a Pair of Coupled Chaotic Pendula – 554
- Baker, M.D.** (see Ahle, L.) – 2650
- Baker, O.K.** (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
- Baker, R.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Baker, W.** (see Apanasevich, L.) – 2642
- Bakker, Huib J.** (see Woutersen, Sander) – 1106
- Balaban, N.Q.; U. Meirav, and I. Bar-Joseph** – Absence of Scaling in the Integer Quantum Hall Effect – 4967
- Balamurali, V.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Balamuth, D.P.** (see Bush, J.E.) – 61
- Balasubramanian, T.** (see Uhrberg, R.I.G.) – 2108
- Balderston, J.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Baldin, B.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Baldine, A.** (see Aggarwal, M.M.) – 4087
- Baldo, M.** (see Song, H.Q.) – 1584
- Balents, Leon** (see Senthil, T.) – 4704
- Balestra, F.; Y. Bedfer, R. Bertini, L.C. Bland, A. Brenschede, F. Brochard, M.P. Bussa, V. Chalyshhev, Seonho Choi, M. Debowski, M. Dzemidzic, I.V. Falomkin, J.-Cl. Faivre, L. Fava, L. Ferrero, J. Foryciarz, V. Frolov, R. Garfagnini, D. Gill, A. Grasso, E. Grosse, S. Heinz, V.V. Ivanov, W.W. Jacobs, W. Kühn, A. Maggiora, M. Maggiora, A. Manara, D. Panzieri, H.-W. Pfaff, G. Piragino, G.B. Pontecorvo, A. Popov, J. Ritman, P. Salabura, P. Senger, J. Stroth, F. Tosello, S.E. Vigdor, and G. Zosi (DISTO Collaboration)** – Production of ϕ and ω Mesons in Near-Threshold pp Reactions – 4572
- Balev, O.G.; and P. Vasilopoulos** – Collective Edge Excitations in the Quantum Hall Regime: Edge Helicons and Landau Levels – 1481
- Balewski, J.T.** (see Meyer, H.O.) – 3096
- Bali, S.** (see Lu, Z.H.) – 3635
 ____ (see Sukenik, C.I.) – 782
- Balitsky, I.** – Factorization for High-Energy Scattering – 2024
- Ball, Christopher D.; and Frank C. De Lucia** – Direct Measurement of Rotationally Inelastic Cross Sections at Astrophysical and Quantum Collisional Temperatures – 305
- Ballagh, R.J.** (see Gardiner, C.W.) – 5266
- Ballam, J.** (see Prinz, A.A.) – 1175
- Balle, S.** (see Vaschenko, G.) – 5536
- Ballesteros, C.** (see Del Bianco, L.) – 4500
- Balseiro, C.** (see Grigera, S.A.) – 2348
- Balslev Clausen, Carl; and Lluís Torner** – Self-Bouncing of Quadratic Solitons – 790
- Baltay, C.** (see Abe, K.) – 942
- Baltz, Anthony J.; Alfred Scharff Goldhaber, and Maurice Goldhaber** – Solar Neutrino Puzzle: An Oscillation Solution with Maximal Neutrino Mixing – 5730
- Baltzer, P.** (see Öhrwall, G.) – 546
- Banavar, Jayanth R.** (see Clementi, Cecilia) – 3287
 ____ (see Seno, Flavio) – 2172
- Band, H.R.** (see Abe, K.) – 942
- Banerjee, S.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Aitala, E.M.) – 44
- Banks, J.C.** (see Schenkel, T.) – 2590
- Bantly, J.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Bányai, L.; Q.T. Vu, B. Mieck, and H. Haug** – Ultrafast Quantum Kinetics of Time-Dependent RPA-Screened Coulomb Scattering – 882
- Barabach, L.** (see Aggarwal, M.M.) – 4087
- Barabási, A.-L.** (see Lee, S.) – 3479
- Barabási, Albert-László** (see Albert, Réka) – 2926
- Barakat, M.B.** (see Abe, K.) – 942
- Baraldi, A.** (see Lizzit, S.) – 3271
- Baranovskii, S.D.** – Comment on “Absence of Carrier Hopping in Porous Silicon” – 3804(C)
- Barbaro-Galtieri, A.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Barberis, E.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Barbosa, C.I.** (see Alt, H.) – 4847
- Bardon, O.** (see Abe, K.) – 942
- Bardon, S.** (see Vandenbrouck, F.) – 610
- Barenghi, Carlo F.** (see Samuels, David C.) – 4381
- Baringer, P.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Bar-Joseph, I.** (see Balaban, N.Q.) – 4967
 ____ (see Eytan, G.) – 1666
- Barkai, E.; and J. Klafter** – Comment on “Subdiffusion and Anomalous Local Viscoelasticity in Actin Networks” – 1134(C)
- Barkema, G.T.; and Normand Mousseau** – Identification of Relaxation and Diffusion Mechanisms in Amorphous Silicon – 1865
- Barklow, T.L.** (see Abe, K.) – 942
- Barlag, C.** (see Aggarwal, M.M.) – 4087
- Barma, Mustansir** (see Majumdar, Satya N.) – 3691
- Barnes, A.V.** (see Schenkel, T.) – 2590
 ____ (see Yao, Y.) – 550
- Barnes, Adrian C.** (see Price, David L.) – 3207
- Barnes, Cris W.** (see Murphy, T.J.) – 108
- Barnes, V.E.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Barnett, B.A.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Barnett, L.R.** (see Chu, K.R.) – 4760
- Barnett, Stephen M.** (see Pegg, David T.) – 1604

AUTHOR INDEX

- Barocchi, Fabrizio** (see Celli, Milva) – 5828
- Barois, P.** (see Mach, P.) – 1015
- Barone, M.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Barr, H. C.; S. J. Berwick, and P. Mason** – Six-Wave Forward Scattering of Short-Pulse Laser Light at Relativistic Intensities – 2910
- Barr, S. M.** (see Albright, Carl H.) – 1167
- Barrat, Jean-Louis** (see Kob, Walter) – 931(C)
- Barreteau, C.** (see Le Floc'h, D.) – 2272
- Barrett, B. R.** (see Weidenmüller, H. A.) – 3603
- Barrett, S. E.** (see Khandelwal, P.) – 673
- Barrow, John D.** (see Subramanian, Kandaswamy) – 3575
- Barrow, S. P.** (see Bochna, C.) – 4576
- Barszczak, T.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Bartels, G.; A. Stahl, V. M. Axt, B. Haase, U. Neukirch, and J. Gutowski** – Identification of Higher-Order Electronic Coherences in Semiconductors by their Signature in Four-Wave-Mixing Signals – 5880
- Bartelt, J.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Bartelt, M. C.; A. K. Schmid, J. W. Evans, and R. Q. Hwang** – Island Size and Environment Dependence of Adatom Capture: Cu/Co Islands on Ru(0001) – 1901
- ____ (see Hannon, J. B.) – 4676
- Bartelt, N. C.** (see Hannon, J. B.) – 4676
- ____ (see Hannon, J. B.) – 5474(C)
- Bartenlian, B.** (see Mathieu, C.) – 3968
- Barth, R.** (see Shin, Y.) – 1576
- Bartlett, J. F.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Barton, D.** (see Mardor, I.) – 5085
- Bartos, E. E.** (see Veal, K. D.) – 1187
- Baruchel, J.** (see Rejmánková-Pernot, P.) – 3435
- Barvosa-Carter, William; Michael J. Aziz, L. J. Gray, and Theodore Kaplan** – Kinetically Driven Growth Instability in Stressed Solids – 1445
- Bar-Yam, Z.** (see Adams, G. S.) – 5760
- Bar-Ziv, Roy** (see Tlusty, Tsvi) – 1738
- Baskaran, G.** (see Zhao, Y. G.) – 1310
- Basov, D. N.; B. Dabrowski, and T. Timusk** – Infrared Probe of Transition from Superconductor to Nonmetal in $\text{YBa}_2(\text{Cu}_{1-x}\text{Zn}_x)_4\text{O}_8$ – 2132
- ____ (see Puchkov, A. V.) – 2747
- Bass, J.** (see Tsoi, M.) – 493(E)
- Bass, S. A.; M. Belkacem, M. Brandstetter, M. Bleicher, L. Gerland, J. Konopka, L. Neise, C. Spieles, S. Soff, H. Weber, H. Stöcker, and W. Greiner** – Are We Close to an Equilibrated Quark-Gluon Plasma? Nonequilibrium Analysis of Particle Production in Ultrarelativistic Heavy Ion Collisions – 4092
- Bassett, Bruce A.; and Fabrizio Tamburini** – Inflationary Reheating in Grand Unified Theories – 2630
- Bassler, K. E.** (see Trenkler, J.) – 2276
- Bassler, Kevin E.; and Maya Paczuski** – Simple Model of Superconducting Vortex Avalanches – 3761
- Bastian, G.; E. O. Göbel, A. B. Zorin, H. Schulze, J. Niemeyer, T. Weimann, M. R. Bennett, and K. E. Singer** – Quasiparticle Interference Effects in a Ballistic Superconductor-Semiconductor-Superconductor Josephson Junction – 1686
- Basu, Abhik; Anirban Sain, Sujan K. Dhar, and Rahul Pandit** – Multiscaling in Models of Magnetohydrodynamic Turbulence – 2687
- Batani, D.** (see Hall, T. A.) – 1003
- Batelaan, H.; and T. J. Gay** – Batelaan and Gay Reply – 4773(C)
- Bateman, F. B.** (see Abfalterer, W. P.) – 57
- Bates, Frank S.** (see Koneripalli, Nagraj) – 1861
- Batha, S. H.** (see Bell, R. E.) – 1429
- Bathe, S.** (see Aggarwal, M. M.) – 4087
- Batiounia, B.** (see Aggarwal, M. M.) – 4087
- Batista, C. D.; A. A. Aligia, and J. Eroles** – Low-Energy Physics of Hole Doped Y_2BaNiO_5 – 4027(C)
- Baton, S.** (see Amiranoff, F.) – 995
- Baton, S. D.** (see Fuchs, J.) – 4275(C)
- Battogtokh, Dorjsuren** (see Kuramoto, Yoshiki) – 3543
- Batty, Richard A.; and P. M. Sutcliffe** – Knots as Stable Soliton Solutions in a Three-Dimensional Classical Field Theory – 4798
- Bauer, B. S.** (see Fernández, Juan C.) – 2252
- Bauer, E.** (see Pelz, J. P.) – 5473(C)
- ____ (see Wormeester, H.) – 854
- Bauer, G.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Bauer, J. M.** (see Abe, K.) – 942
- Bauer, M.; O. Büttner, S. O. Demokritov, B. Hillebrands, V. Grimalsky, Yu. Rapoport, and A. N. Slavin** – Observation of Spatiotemporal Self-Focusing of Spin Waves in Magnetic Films – 3769
- Bauer, Th. S.** (see Onderwater, C. J. G.) – 2213
- ____ (see Spaltro, C. M.) – 2870
- Bauman, R. P.** (see Martin, N. L. S.) – 1199
- Baumann, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Baumberg, J. J.; A. Armitage, M. S. Skolnick, and J. S. Roberts** – Suppressed Polariton Scattering in Semiconductor Microcavities – 661
- Baumgarten, C.** (see Ackerstaff, K.) – 5519
- Bay, Karlheinz** (see Hähner, Peter) – 2470
- Bayer, M.; T. Gutbrod, J. P. Reithmaier, A. Forchel, T. L. Reinecke, P. A. Knipp, A. A. Dremin, and V. D. Kulakovskii** – Optical Modes in Photonic Molecules – 2582
- Bazarko, A. O.** (see Kim, J. H.) – 3595
- Bazin, D.** (see Bush, J. E.) – 61
- ____ (see Davids, B.) – 2209
- ____ (see Navin, A.) – 5089
- Bean, A.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272

- ____ (see Browder, T.E.) – 1786
- Beard, K.** (see Niculescu, G.) – 1805
- Beasley, M.R.** (see Kostic, P.) – 2498
- Beatty, D.P.** (see Bochna, C.) – 4576
- Beaulieu, L.; L. Phair, L.G. Moretto, and G.J. Wozniak** – Z-Dependent Barriers in Multifragmentation from Poissonian Reducibility and Thermal Scaling – 770
- ____ (see Phair, L.) – 4021(C)
- Beavis, D.** (see Ahle, L.) – 2650
- Bebek, C.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Becca, Federico** (see Calandra, Matteo) – 5185
- Becchetti, F.D.** (see Kolata, J.J.) – 4580
- Bechinger, C.** (see Rudhardt, D.) – 1330
- ____ (see Wei, Q.-H.) – 2606
- Bechstedt, F.** (see Shkrebtii, A.I.) – 721
- Beck, D.H.** (see Bochna, C.) – 4576
- Becker, Oren M.** (see Levy, Yaakov) – 1126
- Beckerle, P.** (see Shin, Y.) – 1576
- Beckert, K.** (see Seelig, P.) – 4824
- Beckmann, M.** (see Ackerstaff, K.) – 5519
- Bedeschi, F.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Bedfer, Y.** (see Balestra, F.) – 4572
- Bediaga, I.; R.E. Blanco, C. Göbel, and R. Méndez-Galain** – Procedure for Direct Measurement of the Cabibbo-Kobayashi-Maskawa Angle γ – 4067
- ____ (see Aitala, E.M.) – 44
- Beedoe, S.** (see Niculescu, G.) – 1805
- Beedoe, S.Y.** (see Bochna, C.) – 4576
- Beeli, C.** (see Zwick, F.) – 1058
- Beenakker, C.W.J.** – Thermal Radiation and Amplified Spontaneous Emission from a Random Medium – 1829
- Beg, F.N.** (see Lorenz, A.) – 361
- ____ (see Tatarakis, M.) – 999
- Begel, M.** (see Apanasevich, L.) – 2642
- Behnia, Kamran** (see Belin, Stéphane) – 4728
- Behrends, S.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Behrens, B.H.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Behringer, R.P.** (see Tennakoon, Sarath G.K.) – 794
- Beims, M.W.; V. Kondratovich, and J.B. Delos** – Semiclassical Representation of Width-Weighted Spectra – 4537
- Beiner, M.; G. Fytas, G. Meier, and S.K. Kumar** – Pressure-Induced Compatibility in a Model Polymer Blend – 594
- Beise, E.** (see Niculescu, G.) – 1805
- Beise, E.J.** (see Bochna, C.) – 4576
- Bekiranov, Stefan; and Michael E. Fisher** – Fluctuations in Electrolytes: The Lebowitz and Other Correlation Lengths – 5836
- Bekman, H.H.P.Th.** (see Tsimperidis, I.) – 4748
- Belforte, S.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Belin, Stéphane; Kamran Behnia, and André Deluzet** – Heat Conduction in κ -(BEDT-TTF)₂Cu(NCS)₂ – 4728
- Belitsky, V.I.** (see Strohm, T.) – 2180(C)
- Belkacem, M.** (see Bass, S.A.) – 4092
- Bell, A.R.** (see Borghesi, M.) – 112
- ____ (see Tatarakis, M.) – 999
- Bell, G.R.** (see Itoh, M.) – 633
- Bell, R.E.; F.M. Levinton, S.H. Batha, E.J. Synakowski, and M.C. Zarnstorff** – Poloidal Rotation in TFTR Reversed Shear Plasmas – 1429
- Bellaiche, L.; and David Vanderbilt** – Electrostatic Model of Atomic Ordering in Complex Perovskite Alloys – 1318
- Bellerive, A.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Belletini, G.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Bellinger, J.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Bellini, M.; C. Lyngå, A. Tozzi, M.B. Gaarde, T.W. Hänsch, A. L'Huillier, and C.-G. Wahlström** – Temporal Coherence of Ultrashort High-Order Harmonic Pulses – 297
- Bellini, V.** (see Ajaka, J.) – 1797
- Bellodi, G.** (see Abe, K.) – 942
- Bellon, P.** – Nonequilibrium Roughening and Faceting of Interfaces in Driven Alloys – 4176
- Belmonte, Andrew; Hagai Eisenberg, and Elisha Moses** – From Flutter to Tumble: Inertial Drag and Froude Similarity in Falling Paper – 345
- Belostotski, St.** (see Ackerstaff, K.) – 5519
- Beltrán, M.R.** (see Garzón, I.L.) – 1600
- Belyaev, A.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Belz, J.E.** (see Ackerstaff, K.) – 5519
- ____ (see Bochna, C.) – 4576
- Ben Amar, Martine** (see Corvera Poiré, Eugenia) – 2048
- Benattar, J.J.** (see Sentenac, D.) – 160

AUTHOR INDEX

- ben-Avraham, Daniel** – Complete Exact Solution of Diffusion-Limited Coalescence, $A + A \rightarrow A$ – 4756
- Ben-Chorin, M.** (see Kovalev, D.) – 2803
- Ben-David, R.** (see Abe, K.) – 942
- Benfatto, Maurizio** (see Fabrizio, Michele) – 4030(E)
- Ben-Hamu, D.** (see Levin, J.) – 3347
- Benisch, Th.** (see Ackerstaff, K.) – 5519
- Benjamin, D.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Benjamin, Robert F.** (see Vorobieff, Peter) – 2240
- Benner, Hartmut** (see Just, Wolfram) – 562
- Bennett, M.R.** (see Bastian, G.) – 1686
- Bennett, S.L.** (see de Vries, S.A.) – 381
- Bennington, S.M.** (see Cabrillo, C.) – 4361
- Bensinger, J.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Bensky, T.J.; M.B. Campbell, and R.R. Jones** – Half-Cycle Pulse Assisted Electron-Ion Recombination – 3112
- Benuzzi, A.** (see Hall, T.A.) – 1003
- Benvenuti, A.C.** (see Abe, K.) – 942
- Benware, B.R.; C.D. Macchietto, C.H. Moreno, and J.J. Rocca** – Demonstration of a High Average Power Tabletop Soft X-Ray Laser – 5804
- Berakdar, J.; S.N. Samarin, R. Herrmann, and J. Kirschner** – Manifestations of Electronic Correlations in the Diffraction of Electron Pairs from Crystals – 3535
- Berakdar, Jamal** – Asymmetric Formation of Positronium Continuum States Following Positron-Impact Ionization of H_2 – 1393
- Béraud, R.** (see Grzywacz, R.) – 766
- Berenguer, Carolina** (see Brú, Antonio) – 4008
- Berent, Inon; and Emil Polturak** – Critical Behavior of the Shear Resistance of Solid ^4He near a Structural Phase Transition – 846
- Beretvas, A.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Berg, J.; and A. Engel** – Matrix Games, Mixed Strategies, and Statistical Mechanics – 4999
- Bergamasco, L.** (see Osborne, A. R.) – 3559
- Berge, J.P.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Berger, B.E.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Berger, C.** (see Delahaye, J.) – 4204
- Berger, H.** (see Vescoli, V.) – 453
- ____ (see Zwick, F.) – 1058
- Berger, R.L.** (see Young, P.E.) – 1425
- Berger, V.** – Nonlinear Photonic Crystals – 4136
- Bergfeld, T. *et al.* (CLEO Collaboration)** – Observation of $B^+ \rightarrow \omega K^+$ and Search for Related B Decays Modes – 272
- ____ (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Browder, T.E.) – 1786
- Bergquist, K.J.** (see Gibson, G.N.) – 2663
- Bergström, M.** (see Frattini, S.) – 2659
- Bergstrom, P.M., Jr.** (see Jung, M.) – 1596
- Beri, S.B.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Berisso, M.C.** (see Reyes, M.A.) – 4079
- Berkelman, K.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Berkovits, Richard** – Absence of Bimodal Peak Spacing Distribution in the Coulomb Blockade Regime – 2128
- Bermejo, F.J.** (see Cabrillo, C.) – 4361
- ____ (see Enciso, E.) – 4432
- Bermejo, F. Javier; Gabriel J. Cuello, Eric Courtens, René Vacher, and Miguel A. Ramos** – Comment on “High Frequency Dynamics of Glass Forming Liquids at the Glass Transition” – 3801(C)
- Bernard, C.; T. DeGrand, C. DeTar, Steven Gottlieb, Urs M. Heller, J.E. Hetrick, N. Ishizuka, C. McNeile, R. Sugar, D. Toussaint, and M. Wingate** – Lattice Determination of Heavy-Light Decay Constants – 4812
- Bernard, Claude; Tom Blum, Carleton DeTar, Steven Gottlieb, Urs M. Heller, James E. Hetrick, Craig McNeile, K. Rummukainen, R. Sugar, and D. Toussaint** – Continuum Limit of Lattice QCD with Staggered Quarks in the Quenched Approximation: A Critical Role for the Chiral Extrapolation – 3087
- Bernard, D.** (see Amiranoff, F.) – 995
- Bernard, Stéphane; Guido L. Chiarotti, Sandro Scandolo, and Erio Tosatti** – Decomposition and Polymerization of Solid Carbon Monoxide under Pressure – 2092
- Bernardes, Américo T.** (see Zorzenon dos Santos, Rita Maria) – 3034
- Bernardinello, A.** (see Hall, T.A.) – 1003
- Bernas, H.** (see Aign, T.) – 5656
- Bernasconi, M.; P.L. Silvestrelli, and M. Parrinello** – *Ab Initio* Infrared Absorption Study of the Hydrogen-Bond Symmetrization in Ice – 1235
- Berndt, Richard** (see Li, Jiutao) – 4464
- Bernhoeft, N.; A. Hiess, S. Langridge, A. Stunault, D. Wermeille, C. Vettier, G.H. Lander, M. Huth, M. Jourdan, and H. Adrian** – Probe Coherence Volume and the Interpretation of Scattering Experiments – 3419
- ____ **N. Sato, B. Roessli, N. Aso, A. Hiess, G.H. Lander, Y. Endoh, and T. Komatsubara** – Enhancement of Magnetic Fluctuations on Passing below T_c in the Heavy Fermion Superconductor UPd_2Al_3 – 4244
- Bernholc, J.** (see Nardelli, Marco Buongiorno) – 4656
- ____ (see Ramamoorthy, M.) – 1642
- Bernier, T.** (see Aggarwal, M.M.) – 4087
- Bernreuther, S.** (see Ackerstaff, K.) – 5519

- Bernstein, R.H.** (see Kim, J.H.) – 3595
- Bernu, B.** (see Misguich, G.) – 1098
- Berrah, N.** (see Dörner, R.) – 5776
- Berret, J.-F.** (see Séréro, Y.) – 5584
- Berrier, G.** (see Ajaka, J.) – 1797
- Berryhill, J.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Berseth, V.** (see D’Anna, G.) – 2530
- Bertini, R.** (see Balestra, F.) – 4572
- Bertino, M.F.; A.L. Glebov, J.P. Toennies, F. Traeger, E. Pijper, G.J. Kroes, and R.C. Mowrey** – Observation of Large Differences in the Diffraction of Normal- and Para-H₂ from LiF(001) – 5608
- Bertolini, D.; G. Sutmann, A. Tani, and R. Vallaury** – Viscous versus Elastic Response of Hydrogen-Bonded Liquids: Collective Dynamics in HF – 2080
- Bertolucci, S.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Bertozzi, A.L.; A. Münch, X. Fanton, and A.M. Cazabat** – Contact Line Stability and “Undercompressive Shocks” in Driven Thin Film Flow – 5169
- Bertram, I.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Berwick, S.J.** (see Barr, H.C.) – 2910
- Beržanskis, Audrius** (see Di Trapani, Paolo) – 5133
- Berzinsh, U.** (see Kiyan, I.Yu.) – 2874
- Bessis, D.** (see Felfli, Z.) – 963
- Besson, D.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Besson, J.M.** (see Klotz, S.) – 1239
- ____ (see Nelmes, R.J.) – 2719
- Bettelli, S.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Bettencourt, Luís M.A.** (see Antunes, Nuno D.) – 3083
- Betti, R.; V. Lobatchev, and R.L. McCrory** – Feedout and Rayleigh-Taylor Seeding Induced by Long Wavelength Perturbations in Accelerated Planar Foils – 5560
- Betz, G.** (see Lemell, C.) – 1965
- ____ (see Yao, Y.) – 550
- Beulertz, W.** (see Bock, A.) – 534
- Bevensee, B.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Bezzarides, B.** (see Fernández, Juan C.) – 2252
- Bezzubov, V.A.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Bhalla, K.B.** (see Aggarwal, M.M.) – 4087
- Bhang, H.; S. Ajimura, K. Aoki, T. Hasegawa, O. Hashimoto, H. Hotchi, Y.D. Kim, T. Kishimoto, K. Maeda, H. Noumi, Y. Ohta, K. Omata, H. Outa, H. Park, Y. Sato, M. Sekimoto, T. Shibata, T. Takahashi, and M. Youn** – Lifetime Measurement of $^{12}_{\Lambda}\text{C}$, $^{28}_{\Lambda}\text{Si}$, and $_{\Lambda}\text{Fe}$ Hypernuclei – 4321
- Bhat, C.M.; P.C. Bhat, M. Paterno, and H.B. Prosper** – Study of the Solar Neutrino Survival Probability – 5056
- Bhat, P.C.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- ____ (see Bhat, C.M.) – 5056
- Bhatia, V.S.** (see Aggarwal, M.M.) – 4087
- Bhatnagar, V.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Bhattacharjee, M.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Bhattacharjee, Pijushpani** – Cosmic Topological Defects, Highest Energy Cosmic Rays, and the Baryon Asymmetry of the Universe – 260
- Bhattacharya, P.** (see Majumdar, N.) – 4778(C)
- Bhattacharyya, Sandip; Alok Kumar, and Subir Mukhopadhyay** – String Network and U Duality – 754
- Bhatti, A.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Biagini, Cristiano** (see Zhou, F.) – 4188
- ____ (see Zhou, Fei) – 4724
- Bialek, William** (see Ueda, Masahito) – 4000
- Bialkowski, J.** (see Sokolowski-Tinten, K.) – 224
- ____ (see Sokolowski-Tinten, K.) – 3679
- Bian, J.G.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Bianchi, N.** (see Akerstaff, K.) – 5519
- Bianconi, A.** (see Lanzara, A.) – 878
- Biasiol, Giorgio; and Eli Kapon** – Mechanisms of Self-Ordering of Quantum Nanostructures Grown on Nonplanar Surfaces – 2962
- Bichler, M.** (see Cho, H.) – 2522
- ____ (see Kronmüller, S.) – 2526
- Biémont, E.; and P. Quinet** – Theoretical Study of the $4f^{14}6s^2\ ^2S_{1/2} - 4f^{13}6s^2\ ^2F_{7/2}^0\ E3$ Transition in Yb II – 3345
- Biermann, Peter L.** (see Farrar, Glennys R.) – 3579
- Biery, K.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754

AUTHOR INDEX

- Bigelow, N.P.** (see Law, C.K.) – 5257
- Bigongiari, C.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Bigot, J.-Y.** (see Shahbazyan, T.V.) – 3120
- Biham, Ofer** (see Diakonov, Fotis K.) – 4349
- Biktashev, V.N.; A.V. Holden, M.A. Tsyganov, J. Brindley, and N.A. Hill** – Excitation Wave Breaking in Excitable Media with Linear Shear Flow – 2815
- Bilei, G.M.** (see Abe, K.) – 942
- Bilgram, J.H.** (see Hofmann, Ph.) – 1670
- ____ (see Walko, D.A.) – 626
- Billo, Andreas** (see Holzfuss, Joachim) – 5434
- Bimonte, G.; D. Iñiguez, A. Tarancón, and C.L. Ullod** – Monte Carlo Study of Inverse Symmetry Breaking – 750
- Binder, Kurt** (see Gleim, Tobias) – 4404
- Binder, R.; and M. Lindberg** – Ultrafast Adiabatic Population Transfer in p -Doped Semiconductor Quantum Wells – 1477
- Binek, Ch.** – Density of Zeros on the Lee-Yang Circle Obtained from Magnetization Data of a Two-Dimensional Ising Ferromagnet – 5644
- Binkley, M.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Bino, G.** (see Tober, E.D.) – 2360
- Biotteau, G.** (see Hennion, M.) – 1957
- Bird, J.P.** (see Akis, R.) – 1745(C)
- Birgeneau, R.J.** (see Greven, M.) – 1945
- Birkedal, D.; and J. Shah** – Femtosecond Spectral Interferometry of Resonant Secondary Emission from Quantum Wells: Resonance Rayleigh Scattering in the Nonergodic Regime – 2372
- Birnir, B.** (see Nordstrom, K.B.) – 457
- Bisello, D.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- ____ (see Abe, K.) – 942
- Bishai, M.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Bishop, J.M.** (see Adams, G.S.) – 5760
- Biskamp, D.; E. Schwarz, and A. Celani** – Nonlocal Bottleneck Effect in Two-Dimensional Turbulence – 4855
- Biswas, D.C.** (see Majumdar, N.) – 4778(C)
- Biswas, N.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Bizon, C.** (see de Bruyn, John R.) – 1421
- Blackburn, James A.** (see Baker, Gregory L.) – 554
- Blaha, P.** (see Strocov, V.N.) – 4943
- Blair, I.M.** (see Armbruster, B.) – 520
- Blair, R.E.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Blanchedeau, P.; and J. Boissonade** – Resolving an Experimental Paradox in Open Spatial Reactors: The Role of Spatial Bistability – 5007
- Blanchot, N.** (see Fuchs, J.) – 4275(C)
- Blanco, R.E.** (see Bediaga, I.) – 4067
- Bland, L.C.** (see Balestra, F.) – 4572
- Bland, S.N.** (see Lebedev, S.V.) – 4152
- Blank, B.** (see Davids, B.) – 2209
- ____ (see Longour, C.) – 3337
- Blanter, E.M.** (see Shnirman, M.G.) – 5445
- Blanter, Ya.M.; F.W.J. Hekking, and M. Büttiker** – Interaction Constants and Dynamic Conductance of a Gated Wire – 1925
- ____ **and M. Büttiker** – Rectification of Fluctuations in an Underdamped Ratchet – 4040
- Blase, X.** (see Carroll, D.L.) – 2332
- Blatter, G.** (see Krusin-Elbaum, L.) – 3948
- ____ (see Nideröst, M.) – 3231
- Blatter, Gianni** (see Wagner, Orlando S.) – 906
- Blaufuss, E.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Blaylock, G.** (see Abe, K.) – 942
- ____ (see Aitala, E.M.) – 44
- Blazey, G.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Bleicher, M.** (see Bass, S.A.) – 4092
- Blessing, S.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Blick, Robert H.; Daniel W. van der Weide, Rolf J. Haug, and Karl Eberl** – Complex Broadband Millimeter Wave Response of a Double Quantum Dot: Rabi Oscillations in an Artificial Molecule – 689
- Blinov, B.B.; V.A. Anferov, Ya.S. Derbenev, T. Kageya, A.D. Krisch, W. Lorenzon, L.G. Ratner, D.W. Sivers, K.V. Sourkont, V.K. Wong, C.M. Chu, S.Y. Lee, T. Rinckel, P. Schwandt, F. Sperisen, B. von Przewoski, and H. Sato** – Spin Flipping in the Presence of a Full Siberian Snake – 2906
- Bliss, D.W.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Blocker, C.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Blok, H.P.** (see Spaltro, C.M.) – 2870
- Blom, F.A.P.** (see Valkering, A.M.C.) – 5398
- Blomgren, J.** (see Ericson, T.E.O.) – 5254(C)
- Blomqvist, J.** (see Ishii, T.) – 4100
- Bloom, K.** (see Abe, F.) – 5742

- ____ (see Abe, F.) – 5748
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Bloom, P. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Blouw, J. (see Ackerstaff, K.) – 5519
Bluhme, H.; H. Knudsen, J.P. Merrison, and M.R. Poulsen – Strong Suppression of the Positronium Channel in Double Ionization of Noble Gases by Positron Impact – 73
Blum, I. (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Blum, Tom (see Bernard, Claude) – 3087
Blume, C. (see Aggarwal, M.M.) – 4087
Blume, M. (see Murakami, Y.) – 582
Blundell, S.J. (see Ardavan, A.) – 713
Blusk, S. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Apanasevich, L.) – 2642
Boccaletti, S. (see de San Roman, F.S.) – 3639
Bochna, C. et al. – Measurements of Deuteron Photodisintegration up to 4.0 GeV – 4576
Bock, A.; G. Anton, W. Beulertz, Chr. Bradtke, H. Dutz, R. Gehring, S. Goertz, K. Helbing, J. Hey, W. Meyer, M. Plückthun, G. Reicherz, L. Sözüer, M. Breuer, J.P. Didelez, and P. Hoffmann-Rothe – Measurement of the Target Asymmetry of η and π^0 Photoproduction on the Proton – 534
Bock, R. (see Aggarwal, M.M.) – 4087
Bockrath, Marc (see Cobden, David H.) – 681
Bocquet, J.P. (see Ajaka, J.) – 1797
Bode, M.; M. Getzlaff, and R. Wiesendanger – Spin-Polarized Vacuum Tunneling into the Exchange-Split Surface State of Gd(0001) – 4256
Bodek, A. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Kim, J.H.) – 3595
Bödeker, P.; A. Hucht, A. Schreyer, J. Borchers, F. Güthoff, and H. Zabel – Reorientation of Spin Density Waves in Cr(001) Films Induced by Fe(001) Cap Layers – 914
Bodenschatz, Eberhard (see Plapp, Brendan B.) – 5334
Bodmann, B.A. (see Armbruster, B.) – 520
Bodyagin, V.A. (see Adams, G.S.) – 5760
Boehly, T.R. (see Smalyuk, V.A.) – 5342
 ____ (see Watt, R.G.) – 4644
Boehnlein, A. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Boersma, D.J. (see Onderwater, C.J.G.) – 2213
Bœuf, F. (see Dang, Le Si) – 3920
Boffard, John B. (see Piech, Garrett A.) – 309
Boffi, V. (see Karlin, Iliya V.) – 6
Bogart, J.R. (see Abe, K.) – 942
Bogdan, A.; M. Kulmala, and N. Avramenko – Reduction of Enthalpy of Fusion and Anomalies during Phase Transitions in Finely Divided Water – 1042
Bogdanov, A.L. (see Khavin, Yu.B.) – 1066
Bogicevic, Alexander; Per Hyldgaard, Göran Wahnström, and Bengt I. Lundqvist – Al Dimer Dynamics on Al(111) – 172
 ____ **Johan Strömquist, and Bengt I. Lundqvist** – Low-Symmetry Diffusion Barriers in Homoepitaxial Growth of Al(111) – 637
Bogomolov, V.N. (see Petrov, E.P.) – 77
Böhmer, R. (see Kircher, O.) – 4520
Bohn, John L. (see Burke, James P., Jr.) – 3355
Bohne, E.-M. (see Aggarwal, M.M.) – 4087
Boissonade, J. (see Blanchedeau, P.) – 5007
Boisvert, V. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Boivin, M. (see Tatischeff, B.) – 1347(C)
Bojko, N.I. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Bokhari, W. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Bokil, Hemant (see Moore, M.A.) – 4252
Bolda, Eric L.; and Dan F. Walls – Detection of Vorticity in Bose-Einstein Condensed Gases by Matter-Wave Interference – 5477
Bolen, B. (see Abe, K.) – 942
Bolla, G. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Bolte, Jens; and Stefan Keppeler – Semiclassical Time Evolution and Trace Formula for Relativistic Spin-1/2 Particles – 1987
Bolton, T. (see Kim, J.H.) – 3595
Bonadeo, N.H.; Gang Chen, D. Gammon, D.S. Katzer, D. Park, and D.G. Steel – Nonlinear Nano-Optics: Probing One Exciton at a Time – 2759
Bonard, Jean-Marc; Thomas Stöckli, Frédéric Maier, Walt A. de Heer, André Châtelain, Jean-Paul Salvetat, and László Forró – Field-Emission-Induced Luminescence from Carbon Nanotubes – 1441
Bonilla, L.L.; C.J. Pérez Vicente, F. Ritort, and J. Soler – Exactly Solvable Phase Oscillator Models with Synchronization Dynamics – 3643
 ____ (see Luo, K.J.) – 1290
Bonjour, Filipe; and Ruth Gregory – Comment on “Absence of Abelian Higgs Hair for Extreme Black Holes” – 5034(C)
Bonn, D.A. (see Hosseini, A.) – 1298
Bonn, Daniel (see Shahidzadeh, Noushine) – 4268
Bonushkin, Y. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513

AUTHOR INDEX

- _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Bonvicini, G. (see Alam, M.S.) – 3328
 _____ (see Anderson, S.) – 3823
 _____ (see Bergfeld, T.) – 272
 _____ (see Browder, T.E.) – 1786
Booth, C.H.; D.E. MacLaughlin, R.H. Heffner, R. Chau, M.B. Maple, and G.H. Kwei – Pd/Cu Site Interchange and Non-Fermi-Liquid Behavior in UCu₄Pd – 3960
Booth, I.S.; and R.B. Mann – Complex Instantons and Charged Rotating Black Hole Pair Creation – 5052
Booth, N.E. (see Armbruster, B.) – 520
Boragno, C. (see Rusponi, S.) – 2735
 _____ (see Rusponi, S.) – 4184
Borasi, F. (see Rehm, K.E.) – 3341
Borba, D. (see Eriksson, L.-G.) – 1231
 _____ (see Fasoli, A.) – 5564
Borcea, C. (see Grzywacz, R.) – 766
Borcherding, F. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
Borchers, J. (see Bödeker, P.) – 914
Bordag, M.; and K. Scharnhorst – $O(\alpha)$ Radiative Correction to the Casimir Energy for Penetrable Mirrors – 3815
Bordas, C. (see Pinaré, J.C.) – 2225
Borghesi, M.; A.J. MacKinnon, A.R. Bell, R. Gaillard, and O. Willi – Megagauss Magnetic Field Generation and Plasma Jet Formation on Solid Targets Irradiated by an Ultraintense Picosecond Laser Pulse – 112
 _____ **A.J. MacKinnon, R.J. Taylor, and O. Willi** – Comment on “Dynamics of Subpicosecond Relativistic Laser Pulse Self-Channeling in an Underdense Preformed Plasma” – 4274(C)
Borisov, A. (see Auth, C.) – 4831
Borissov, A. (see Ackerstaff, K.) – 5519
Borjan, Z.; and P.J. Upton – Order-Parameter Profiles and Casimir Amplitudes in Critical Slabs – 4911
Borneis, S. (see Seelig, P.) – 4824
Bornholdt, Stefan; and Kim Sneppen – Neutral Mutations and Punctuated Equilibrium in Evolving Genetic Networks – 236
Böröcz, Z.K. (see Aggarwal, M.M.) – 4087
Boros, C.; J.T. Londergan, and A.W. Thomas – Evidence for Substantial Charge Symmetry Violation in Parton Distributions – 4075
Borsa, F. (see Lascialfari, A.) – 3773
Bortoletto, D. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Bosetti, P. (see Frattini, S.) – 2659
Böscher, G.; N.A. Stolwijk, J.V. Thordson, U. Södervall, and T.G. Andersson – Diffusion of Nitrogen from a Buried Doping Layer in Gallium Arsenide Revealing the Prominent Role of As Interstitials – 3443
Bosted, P.E. (see Bochna, C.) – 4576
Boswell, C. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
 _____ (see Lipschultz, B.) – 1007
Böttcher, H. (see Ackerstaff, K.) – 5519
Botto, T. (see Spaltro, C.M.) – 2870
Bouchaud, J.P. (see Alberici-Kious, F.) – 4987
 _____ (see Jonason, K.) – 3243
Bouchaud, Jean-Philippe (see Hazareensing, Anusha) – 5953(C)
Bouchaud, J.-P. (see Cates, M.E.) – 1841
Boudreau, J. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Bouffanais, R. (see Del Fatti, N.) – 922
Boulbitch, A.A.; and P. Tolédano – Phase Nucleation of Elastic Defects in Crystals Undergoing a Phase Transition – 838
Bourgau, C. (see Mahjoub, H.F.) – 2076
Bourges, P. (see Ollivier, J.) – 3667
Bouyer, P. (see Snadden, M.J.) – 971
Bovensiepen, U.; F. Wilhelm, P. Srivastava, P. Poulopoulos, M. Farle, A. Ney, and K. Baberschke – Two Susceptibility Maxima and Element Specific Magnetizations in Indirectly Coupled Ferromagnetic Layers – 2368
Bower, G.R. (see Abe, K.) – 942
Böwering, N. (see Brandt, M.) – 2376
Bowron, Daniel T.; Adriano Filipponi, Mark A. Roberts, and John L. Finney – Hydrophobic Hydration and the Formation of a Clathrate Hydrate – 4164
Bowser-Chao, David; Darwin Chang, and Wai-Yee Keung – Simple Charged Higgs Model of Soft or Spontaneous CP Violation without Flavor Changing Neutral Currents – 2028
Boxleitner, W. (see Rauch, C.) – 3495
Boyd, A.R. (see Eisenberg, H.S.) – 3383
Boyd, S.T.P. (see Hahn, Inseob) – 618
Bozek, J. (see Öhrwall, G.) – 546
Bozek, J.D. (see Dörner, R.) – 5776
Bozler, H.M. (see Hahn, Inseob) – 618
Bozovic, I. (see Mallozzi, R.) – 1485
Brabson, B.B. (see Adams, G.S.) – 5760
Bracco, A. (see Frattini, S.) – 2659
Bracht, H.; E.E. Haller, and R. Clark-Phelps – Silicon Self-Diffusion in Isotope Heterostructures – 393
Brack, J. (see Ackerstaff, K.) – 5519
Bracker, S.B. (see Aitala, E.M.) – 44
 _____ (see Alves, G.A.) – 1537(E)
Braden, M. (see Klotz, S.) – 1239
Bradley, D. (see Murphy, T.J.) – 108
Bradley, D.D.C. (see Alvarado, S.F.) – 1082
Bradley, D.K. (see Smalyuk, V.A.) – 5342
Bradley, K.S. (see Fernández, Juan C.) – 2252
Bradshaw, A.M. (see Kivimäki, A.) – 301
Bradtke, Chr. (see Bock, A.) – 534
Bramwell, S.T. (see Harris, M.J.) – 4496
Brand, Helmut R. (see Deissler, Robert J.) – 3856
 _____ (see Fradin, Cécile) – 2902
Brandenburg, G. (see Alam, M.S.) – 3328
 _____ (see Anderson, S.) – 3823
 _____ (see Bergfeld, T.) – 272
 _____ (see Browder, T.E.) – 1786
Brandstetter, M. (see Bass, S.A.) – 4092
Brandt, A. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
Brandt, Friedemann; Joaquim Gomis, and Joan Simón – D-String on Near Horizon Geometries and Infinite Conformal Symmetry – 1770
Brandt, M.; T. Greber, N. Böwering, and U. Heinzmann – The Role of Molecular State and Orientation in Harpooning Reactions: N₂O on Cs/Pt(111) – 2376

- Brandt, Steven** (see Anninos, Peter) – 508
- Brash, E. J.** (see Bochna, C.) – 4576
- Bratman, V. L.** (see Denisov, G. G.) – 5680
- Brau, J. E.** (see Abe, K.) – 942
- Brauksiepe, S.** (see Ackerstaff, K.) – 5519
- Braun, B.** (see Ackerstaff, K.) – 5519
- Braun, D.; G. Montambaux, and M. Pascaud** – Boundary Conditions at the Mobility Edge – 1062
- Braun, Dieter; and Peter Fromherz** – Fluorescence Interferometry of Neuronal Cell Adhesion on Microstructured Silicon – 5241
- Braun, Fabian; and Jan von Delft** – Fixed- N Superconductivity: The Crossover from the Bulk to the Few-Electron Limit – 4712
- Braun, V. M.; S. É. Derkachov, and A. N. Manashov** – Integrability of Three-Particle Evolution Equations in QCD – 2020
- Bräuning, H.** (see Dörner, R.) – 5776
- Bräuning-Demian, A.** (see Dörner, R.) – 5776
- Braunstein, L. A.; and R. C. Buceta** – Macroscopic Equation for the Roughness of Growing Interfaces in Quenched Disordered Media – 630
- Bray, Alan J.** (see Cornell, Stephen J.) – 1142
 ____ (see Majumdar, Satya N.) – 2626
- Bray, B.** (see Ackerstaff, K.) – 5519
- Bray, I.** (see Shurgalin, M.) – 4604
- Bray, Igor** (see Kheifets, Anatoli S.) – 4588
- Breccia, L.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Bréchnignac, C.; Ph. Cahuzac, N. Kébaili, and J. Leygnier** – Temperature Effects in the Coulombic Fission of Strontium Clusters – 4612
- Breese, M. B. H.; and P. J. M. Smulders** – Equivalent Effects of a Lattice Translation and Rotation on Planar Channeled MeV Protons – 5157
- Breger, P.** (see Lange, H. R.) – 1611
- Breidenbach, M.** (see Abe, K.) – 942
- Breizman, B. N.** (see Fasoli, A.) – 5564
- Brendel, J.** (see Tittel, W.) – 3563
- Brener, Efim A.; and V. I. Marchenko** – Surface Instabilities in Cracks – 5141
- Brenner, Howard** (see Ganesan, Venkat) – 578
- Brenner, Naama; Oded Agam, William Bialek, and Rob R. de Ruyter van Steveninck** – Universal Statistical Behavior of Neural Spike Trains – 4000
- Brenschede, A.** (see Balestra, F.) – 4572
- Bresme, F.** (see Enciso, E.) – 4432
- Bressloff, P. C.; and S. Coombes** – Desynchronization, Mode Locking, and Bursting in Strongly Coupled Integrate-and-Fire Oscillators – 2168
 ____ and S. Coombes – Spike Train Dynamics Underlying Pattern Formation in Integrate-and-Fire Oscillator Networks – 2384
- Breuer, H.** (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
- Breuer, K.** (see Garnier, M.) – 1349(C)
- Breuer, M.** (see Ajaka, J.) – 1797
 ____ (see Bock, A.) – 534
- Brey, Luis** – Interlayer Magnetic Coupling and the Quantum Hall Effect in Multilayer Electron Systems – 4692
- Brezesinski, G.** (see Kaganer, V. M.) – 5864
- Briddon, P. R.** (see Öberg, S.) – 2930
- Bridgewater, Jesse S. A.** (see Wu, Dong Ho) – 2890
- Briegel, H.-J.; W. Dür, J. I. Cirac, and P. Zoller** – Quantum Repeaters: The Role of Imperfect Local Operations in Quantum Communication – 5932
- Briere, R. A.** (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Briggs, E. L.** (see Ramamoorthy, M.) – 1642
- Briggs, G. Andrew D.** (see Kolosov, Oleg V.) – 1046
- Brill, D.** (see Shin, Y.) – 1576
- Brilliantov, N. V.; D. V. Kuznetsov, and R. Klein** – Chain Collapse and Counterion Condensation in Dilute Polyelectrolyte Solutions – 1433
- Brindley, J.** (see Biktashev, V. N.) – 2815
- Brinkmann, D.** (see Raffa, F.) – 5912
- Brison, J. P.** (see Delahaye, J.) – 4204
- Britt, H. C.** (see Ahle, L.) – 2650
- Brochard, F.** (see Balestra, F.) – 4572
- Brock, J. D.** (see Finnefrock, A. C.) – 3459
- Brock, R.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Brodersen, C.** (see Drewsen, M.) – 2878
- Brodzinski, R. L.** (see Avignone, F. T., III) – 5068
- Brohan, L.** (see Chauvet, O.) – 1102
- Bromberg, C.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Apanasevich, L.) – 2642
- Brons, St.** (see Ackerstaff, K.) – 5519
- Brookes, N. B.** (see Tjeng, L. H.) – 734(C)
- Bross, A.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Brouard, S.; and J. G. Muga** – Collisional Transitory Enhancement of the High Momentum Components of a Quantum Wave Packet – 2621
- Brouwer, P. W.; C. Mudry, B. D. Simons, and A. Altland** – Delocalization in Coupled One-Dimensional Chains – 862
 ____ (see Huibers, A. G.) – 1917
- Browder, T. E. *et al.* (CLEO Collaboration)** – Observation of High Momentum η' Production in B Decays – 1786
 ____ (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
- Brown, B. A.** (see Navin, A.) – 5089
- Brown, D. S.** (see Adams, G. S.) – 5760
- Brown, D. W.; P. E. Sokol, and S. N. Ehrlich** – New Disorder Induced Phase Transitions of Classical Rare Gases in Porous Vycor Glass – 1019
- Brown, G. E.** (see Li, G. Q.) – 2177(C)
- Brown, J. A.** (see Bush, J. E.) – 61
- Brown, P. D.** (see Lim, S.-H.) – 5350
- Brown, Reggie** – Approximating the Mapping between Systems Exhibiting Generalized Synchronization – 4835
- Brown, S. E.** (see Chow, D. S.) – 3984
- Brown, Thad A.** (see Meyer, David A.) – 1718
- Broyer, M.** (see Pinaré, J. C.) – 2225
- Brú, Antonio; Juan Manuel Pastor, Isabel Fernaud, Isabel Brú, Sonia Melle, and Carolina Berenguer** – Super-Rough Dynamics on Tumor Growth – 4008
- Brú, Isabel** (see Brú, Antonio) – 4008
- Bruce, A. M.** (see Longour, C.) – 3337

AUTHOR INDEX

- Brückner, W.** (see Ackerstaff, K.) – 5519
- Bruder, C.** (see Jaksch, D.) – 3108
 ____ (see Wasser, S.) – 898
- Brudny, Vera L.** (see Petukhov, A. V.) – 566
- Bruins, E.E.W.** (see Ackerstaff, K.) – 5519
- Bruinsma, Robijn** (see Levine, Alex) – 5944
- Brüll, A.** (see Ackerstaff, K.) – 5519
- Brumer, Paul** (see Abrashkevich, Alexander) – 3789
- Brune, C.R.** (see Veal, K.D.) – 1187
- Brune, H.** (see Bürgi, L.) – 5370
- Brunel, Ch.; B. Lounis, Ph. Tamarat, and M. Orrit** – Rabi Resonances of a Single Molecule Driven by rf and Laser Fields – 2679
- Brunelli, M.** (see Lanzara, A.) – 878
- Bruner, N.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Brunetti, R.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Bruss, Dagmar; Artur Ekert, and Chiara Macchiavello** – Optimal Universal Quantum Cloning and State Estimation – 2598
 – Optimal Eavesdropping in Quantum Cryptography with Six States – 3018
- Bruynseraede, Y.** (see Aliev, F.G.) – 5884
 ____ (see Wagner, P.) – 3980
- Bryant, O.R.** (see Li, Jiutao) – 4464
- Buceta, R.C.** (see Braunstein, L.A.) – 630
- Bucher, D.** (see Aggarwal, M.M.) – 4087
- Buchet, J.P.** (see Farizon, B.) – 4108
- Buchholz, D.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Büchner, B.** (see Lorenz, T.) – 148
- Buckley-Geer, E.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Bucknall, D.** (see Sferrazza, M.) – 5173
- Bucksbaum, P.H.** (see Weinacht, T.C.) – 3050(E)
- Budd, H.** (see Kim, J.H.) – 3595
- Budd, H.S.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Budker, Dmitry; Valeriy Yashchuk, and Max Zolotarev** – Nonlinear Magneto-optic Effects with Ultranarrow Widths – 5788
- Bugg, W.M.** (see Abe, K.) – 942
- Buhmann, H.** (see Möller, S.) – 5197
- Buhrman, R.A.** (see Upadhyay, Shashi K.) – 3247
- Buijs, A.** (see Aggarwal, M.M.) – 4087
- Bulaevskii, L.N.** (see Gaifullin, M.B.) – 3551(C)
 ____ (see Koshelev, A.E.) – 902
- Buldyrev, S.V.** (see Andrade, J.S., Jr.) – 926
- Buldyrev, Sergey V.** (see Sadr-Lahijany, M. Reza) – 4895
- Buller, L.J.** (see Finnefrock, A.C.) – 3459
- Bulsara, A.R.** (see Robinson, J.W.C.) – 2850
- Bulsara, Adi R.** (see Lindner, John F.) – 5048
- Bulten, H.J.** (see Ackerstaff, K.) – 5519
- Bunce, G.** (see Mardor, I.) – 5085
- Bunde, Armin** (see Kantelhardt, Jan W.) – 4907
 ____ (see Koscielny-Bunde, Eva) – 729
- Bünner, Martin J.** (see Hegger, Rainer) – 558
- Buntar, V.; F.M. Sauerzopf, C. Krutzler, and H.W. Weber** – Evidence for Bulk Superconductivity in K_3C_{60} Single Crystals – 3749
- Burchat, P.R.** (see Aitala, E.M.) – 44
- Burgdörfer, J.** (see Lemell, C.) – 1965
- Burgermeister, R.** (see Oberli, D.) – 4228
- Bürgi, L.; O. Jeandupeux, A. Hirstein, H. Brune, and K. Kern** – Confinement of Surface State Electrons in Fabry-Pérot Resonators – 5370
- Burin, A.L.; Yu. Kagan, L.A. Maksimov, and I.Ya. Polishchuk** – Erratum: Dephasing Rate in Dielectric Glasses at Ultralow Temperatures [Phys. Rev. Lett. **80**, 2945 (1998)] – 2395(E)
- Burkard, Guido** (see Wagner, Orlando S.) – 906
- Burke, A.T.; J.E. Maggs, and G.J. Morales** – Observation of Simultaneous Axial and Transverse Classical Heat Transport in a Magnetized Plasma – 3659
- Burke, D.** (see Abe, K.) – 942
- Burke, James P., Jr.; Chris H. Greene, and John L. Bohn** – Multichannel Cold Collisions: Simple Dependences on Energy and Magnetic Field – 3355
 ____ (see Roberts, J.L.) – 5109
- Burkett, K.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Burman, R.L.** (see Athanassopoulos, C.) – 1774
- Burnett, K.** (see Featonby, P.D.) – 495
 ____ (see Hutchinson, D.A.W.) – 2198
- Burnett, T.H.** (see Abe, K.) – 942
- Burnstein, R.A.** (see Aitala, E.M.) – 44
- Burrows, P.N.** (see Abe, K.) – 942
- Burtovoi, V.S.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Busani, Ram; Mareike Folkers, and Ori Cheshnovsky** – Direct Observation of Band-Gap Closure in Mercury Clusters – 3836
- Busch, Ralf** (see Tang, X.-P.) – 5358
- Büsching, H.** (see Aggarwal, M.M.) – 4087
- Busetto, G.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278

- (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
Bush, J.E.; P.A. Hausladen, D.P. Balamuth, K.R. Pohl, D. Bazin, J.A. Brown, J.A. Caggiano, L.L. Chen, B.S. Davids, D.J. Morrissey, B.M. Sherrill, and M. Thoennessen – Breakup of ^{11}Be : Prompt or Delayed? – 61
Bussa, M.P. (see Balestra, F.) – 4572
Bussac, M.N.; D. Michoud, and L. Zuppiroli – Electrode Injection into Conjugated Polymers – 1678
Busse, F.H.; and R.M. Clever – Asymmetric Squares as an Attracting Set in Rayleigh-Bénard Convection – 341
Bussmann-Holder, A. (see Dalal, N.) – 5924
Butler, J.M. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
Butler, W.H. (see Schulthess, T.C.) – 4516
Büttiker, M. (see Blanter, Ya.M.) – 1925
 — (see Blanter, Ya.M.) – 4040
Büttiker, Markus (see Grapespacher, Thomas) – 2763
Buttler, W.T.; R.J. Hughes, P.G. Kwiat, S.K. Lamoreaux, G.G. Luther, G.L. Morgan, J.E. Nordholt, C.G. Peterson, and C.M. Simmons – Practical Free-Space Quantum Key Distribution over 1 km – 3283
Büttner, O. (see Bauer, M.) – 3769
Bužek, Vladimír; and Mark Hillery – Universal Optimal Cloning of Arbitrary Quantum States: From Qubits to Quantum Registers – 5003
Byon-Wagner, A. (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
Byrum, K.L. (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754

Cable, M. (see Murphy, T.J.) – 108
Cabrillo, C.; G.J. Cuello, P. García-Fernández, F.J. Bermejo, V. Pruneri, P.G. Kazansky, S.M. Bennington, and W.S. Howells – Emergence of Structural Anisotropy in Optical Glasses Treated to Support Second Harmonic Generation – 4361
Cáceres, Manuel O. (see Compte, Albert) – 3140
Caciuffo, Roberto; Giuseppe Amoretti, Amir Murani, Roberta Sessoli, Andrea Caneschi, and Dante Gatteschi – Neutron Spectroscopy for the Magnetic Anisotropy of Molecular Clusters – 4744
Cadilhe, A.M. (see Stoldt, C.R.) – 2950
Cadman, R.V. (see Ackerstaff, K.) – 5519
 — (see Bochna, C.) – 4576
Caggiano, J.A. (see Bush, J.E.) – 61
 — (see Davids, B.) – 2209
Cahuzac, Ph. (see Bréchnignac, C.) – 4612
Cai, Y.Q. (see Hofmann, Ph.) – 1670
Caironi, D. (see Di Trapani, P.) – 570

Calame, J.P. (see Lawson, W.) – 3030
Calandra, Matteo; Federico Becca, and Sandro Sorella – Charge Fluctuations Close to Phase Separation in the Two-Dimensional t - J Model – 5185
Calcaterra, A. (see Abe, K.) – 942
Caldwell, C.D. (see Martin, N.L.S.) – 1199
Caldwell, D.O. (see Abe, K.) – 942
 — (see Athanassopoulos, C.) – 1774
Calisti, A. (see Godbert-Mouret, L.) – 5568
Callaghan, P.T.; M.L. Kilfoil, and E.T. Samulski – Chain Deformation for a Polymer Melt under Shear – 4524
Calloway, D. (see Abe, K.) – 942
Calvani, P.; G. De Marzi, P. Dore, S. Lupi, P. Maselli, F. D’Amore, S. Gagliardi, and S-W. Cheong – Infrared Absorption from Charge Density Waves in Magnetic Manganites – 4504
Calvat, P.M. (see Ajaka, J.) – 1797
Calvet, D. (see Séréro, Y.) – 5584
Calvo Hernández, A. (see Velasco, S.) – 5470(C)
Camanzi, B. (see Abe, K.) – 942
Camarero, J.; J. Ferrón, V. Cros, L. Gómez, A.L. Vázquez de Parga, J.M. Gallego, J.E. Prieto, J.J. de Miguel, and R. Miranda – Atomistic Mechanism of Surfactant-Assisted Epitaxial Growth – 850
Cambil, E. (see Mathieu, C.) – 3968
Campbell, D.K. (see Carmelo, J.M.P.) – 489(C)
Campbell, J.M.; E.W.N. Glover, and C.J. Maxwell – Determination of the QCD Parameter $\Lambda_{\overline{\text{MS}}}^{(5)}$ from the Measured Energy Dependence of the Average Value of 1 – Thrust – 1568
Campbell, M. (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
Campbell, M.B. (see Bensky, T.J.) – 3112
Campman, K. (see Huibers, A.G.) – 200
Campman, K.L. (see Cho, H.) – 2522
Campos, A.; K. Holland, and U.-J. Wiese – Complete Wetting in Supersymmetric QCD: Why QCD Strings Can End on Domain Walls – 2420
Caner, A. (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
Caneschi, Andrea (see Caciuffo, Roberto) – 4744
Canning, David (see Lee, Youngki) – 3275
Cao, G. (see Puchkov, A.V.) – 2747
Cao, W.L. (see Zhao, Y.G.) – 1310
Capitani, G.P. (see Ackerstaff, K.) – 5519
Capogni, M. (see Ajaka, J.) – 1797
Cardenoso, V. (see Godbert-Mouret, L.) – 5568
Cardman, L. (see Bochna, C.) – 4576
Cardona, M. (see Strohm, T.) – 2180(C)
Cardoso, L.P. (see Avanci, L.H.) – 5426
Carithers, W. (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432

AUTHOR INDEX

- ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Carle, Nathan (see Albert, Réka) – 2926
Carlen, L. (see Aggarwal, M.M.) – 4087
Carlini, R. (see Niculescu, G.) – 1805
Carlini, R.D. (see Bochna, C.) – 4576
Carlsmith, D. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Carlson, C.W. (see Ergun, R.E.) – 826
Carlson, Carl E.; and Nimai C. Mukhopadhyay – Approach to
 Perturbative Results in the N - Δ Transition – 2646
Carlsson, A.E. – Angular Forces Around Transition Metals in
 Biomolecules – 477
Carlsson, J. (see Eriksson, L.-G.) – 1231
Carmelo, J.M.P.; P. Horsch, A.A. Ovchinnikov, D.K. Campbell,
A.H. Castro Neto, and N.M.R. Peres – Comment on
 “Generalization of a Fermi Liquid to a Liquid with Fractional
 Exclusion Statistics in Arbitrary Dimensions: Theory of a Haldane
 Liquid” – 489(C)
Carney, J.P.J. (see Jung, M.) – 1596
Carpentier, David; and Pierre Le Doussal – Melting of
 Two-Dimensional Solids on Disordered Substrates – 1881
 ____ **and Pierre Le Doussal** – Disordered XY Models and Coulomb
 Gases: Renormalization via Traveling Waves – 2558
Carpick, R.W. (see Enachescu, M.) – 1877
Carpinelli, M. (see Abe, K.) – 942
Carr, Roger (see Hogan, M.J.) – 4867
Carré, M. (see Farizon, B.) – 4108
Carretta, P. (see Lascialfari, A.) – 3773
Carrillo, Lluís; Lluís Mañosa, Jordi Ortín, Antoni Planes, and
Eduard Vives – Experimental Evidence for Universality of Acoustic
 Emission Avalanche Distributions during Structural
 Transitions – 1889
Carroll, A. (see Mardor, I.) – 5085
Carroll, D.; and X.H. Zheng – Comment on “Angular Dependences
 of Third Harmonic Generation from Microdroplets” – 4272(C)
Carroll, D.L.; Ph. Redlich, X. Blase, J.-C. Charlier, S. Curran,
P.M. Ajayan, S. Roth, and M. Rühle – Effects of Nanodomain
 Formation on the Electronic Structure of Doped Carbon
 Nanotubes – 2332
Carroll, J.J., III (see Drake, R.P.) – 2068
Carroll, S.J.; S.G. Hall, R.E. Palmer, and R. Smith – Energetic
 Impact of Size-Selected Metal Cluster Ions on Graphite – 3715
Carroll, Sean M. – Quintessence and the Rest of the World:
 Suppressing Long-Range Interactions – 3067
Carter, P. (see Ackerstaff, K.) – 5519
Carter, T. (see Aitala, E.M.) – 44
Carvalho, H.S. (see Aitala, E.M.) – 44
Carvalho, W. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Cary, John R. (see Wan, Weishi) – 3655
Casademunt, J.; and F.X. Magdaleno – Comment on “Selection of
 the Saffman-Taylor Finger Width in the Absence of Surface Tension:
 An Exact Result” – 5950(C)
Casalta, H. (see Foret, M.) – 2100
Casano, L.E. (see Ajaka, J.) – 1797
Case, A. (see Skiff, F.) – 5820
Casey, D. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Casilum, Z. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Cason, N.M. (see Adams, G.S.) – 5760
Casper, D. (see Fukuda, Y.) – 1562
Cassada, J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Cassel, D.G. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Cassell, R. (see Abe, K.) – 942
Castaldi, R. (see Abe, K.) – 942
Castell, Martin R. (see Kolosov, Oleg V.) – 1046
Casten, R.F. (see Iachello, F.) – 1191
Castilla, G. (see Castro Neto, A.H.) – 3531
 ____ (see de Andrade, M.C.) – 5620
Castilla-Valdez, H. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Castillo, V.M.; and Wm.G. Hoover – Comment on “Maximum of
 the Local Entropy Production Becomes Minimal in Stationary
 Processes” – 5700(C)
Castle, M. (see Lawson, W.) – 3030
Castoldi, M. (see Ajaka, J.) – 1797
Castro, A. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Abe, K.) – 942
Castro Neto, A.H.; G. Castilla, and B.A. Jones – Non-Fermi Liquid
 Behavior and Griffiths Phase in f -Electron Compounds – 3531
 ____ (see Carmelo, J.M.P.) – 489(C)
 ____ (see de Andrade, M.C.) – 5620
Cates, M.E.; J.P. Wittmer, J.-P. Bouchaud, and
P. Claudin – Jamming, Force Chains, and Fragile Matter – 1841
Catford, W.N. (see Longour, C.) – 3337
Cathers, P.D. (see Veal, K.D.) – 1187
Caudron, R. (see Le Floch, D.) – 2272
Caux, Jean-Sébastien – Exact Multifractality for Disordered N -Flavor
 Dirac Fermions in Two Dimensions – 4196
Cauz, D. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Cavalleri, A. (see Sokolowski-Tinten, K.) – 224
Cavalli-Sforza, M. (see Abe, K.) – 942

- Cazabat, A.M.** (see Bertozzi, A.L.) – 5169
 ____ (see Vandenbrouck, F.) – 610
- Ceglie, A.** (see Angelico, R.) – 2823
- Celani, A.** (see Biskamp, D.) – 4855
- Celet, J.C.; D. Dangoisse, P. Glorieux, G. Lythe, and T. Erneux** – Slowly Passing through Resonance Strongly Depends on Noise – 975
- Celli, Milva; Renato Magli, Henry Fischer, Lothar Frommhold, and Fabrizio Barocchi** – Quantum Mechanical Effects on the Static Structure Factor of Pairs of Orthodeuterium Molecules – 5828
- Cerbelli, S.** (see Alvarez, M.M.) – 3395
- Cerioti, A.** (see Sinzig, J.) – 3211
- Cerri, A.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Cerullo, G.** (see Graupner, W.) – 3259
- Cha, J.** (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
- Chabal, Yves J.** (see Stefanov, Boris B.) – 3908
- Chadha, M.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Chadi, D.J.** (see Antonelli, A.) – 2088
- Chai, Z.W.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Chakarov, Dinko; and Bengt Kasemo** – Photoinduced Crystallization of Amorphous Ice Films on Graphite – 5181
- Chakrabarti, J.** – Simulation Evidence of Critical Behavior of Isotropic-Nematic Phase Transition in a Porous Medium – 385
- Chakraborty, D.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Chakraverty, B.K.; J. Ranninger, and D. Feinberg** – Experimental and Theoretical Constraints of Bipolaronic Superconductivity in High T_c Materials: An Impossibility – 433
- Chalker, J.T.; and B. Mehlig** – Eigenvector Statistics in Non-Hermitian Random Matrix Ensembles – 3367
- Chalyshev, V.** (see Aggarwal, M.M.) – 4087
 ____ (see Balestra, F.) – 4572
- Chambliss, D.D.** (see Tober, E.D.) – 1897
- Champion, J.D.M.** (see Harris, M.J.) – 4496
- Chan, S.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Chan, T.L.** (see Zhang, Z.Q.) – 5540
- Chan, W.L.** (see Zhang, Z.Q.) – 5540
- Chan, Y.D.** (see Isaac, M.C. Perillo) – 2416
- Chandler, C.** (see Longour, C.) – 3337
- Chandler, G.A.** (see Deeney, C.) – 4883
- Chandramouli, Sridhar** (see Lindner, John F.) – 5048
- Chandrasekhar, Venkat** (see Eom, Jonghwa) – 437
- Chandre, C.; and H.R. Jauslin** – Critical Attractor and Universality in a Renormalization Scheme for Three Frequency Hamiltonian Systems – 5125
- Chang, C.C.** (see Niculescu, G.) – 1805
- Chang, Darwin** (see Bowser-Chao, David) – 2028
- Chang, J.** (see Ahle, L.) – 2650
- Chang, Lee** (see Wang, Xiao-Bing) – 1342(C)
- Chang, P.** (see Apanasevich, L.) – 2642
- Chang, P.S.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Chang, P.T.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Chang, S.-M.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Chang, T.H.** (see Chu, K.R.) – 4760
- Chant, N.** (see Niculescu, G.) – 1805
- Chant, N.S.** (see Bochna, C.) – 4576
- Chao, H.Y.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Chaplier, G.** (see Penent, F.) – 3619
- Chapman, J.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Chappert, C.** (see Aign, T.) – 5656
 ____ (see Mathieu, C.) – 3968
- Charlier, J.-C.** (see Ajayan, P.M.) – 1437
 ____ (see Carroll, D.L.) – 2332
- Chartier, M.** (see Davids, B.) – 2209
- Chasman, C.** (see Ahle, L.) – 2650
- Chaté, Hugues; Qing-Hu Chen, and Lei-Han Tang** – Comment on “Nonuniversal Exponents in Interface Growth” – 5471(C)
- Châtelain, André** (see Bonard, Jean-Marc) – 1441
- Chattopadhyay, P.K.; R. Pal, A.N.S. Iyengar, and J. Ghosh** – Anomalous Ion Heating in Very Low q_a Discharges of the SINP Tokamak – 3151
- Chattopadhyay, S.** (see Aggarwal, M.M.) – 4087
- Chau, R.** (see Booth, C.H.) – 3960
 ____ (see de Andrade, M.C.) – 5620
- Chauvet, O.; G. Goglio, P. Molinie, B. Corraze, and L. Brohan** – Ferromagnetic Clusters and Magnetic Polarons as Evidenced by ESR in $\text{La}_{1.35}\text{Sr}_{1.65}\text{Mn}_2\text{O}_7$ – 1102
- Cheianov, Vadim V.** (see Alekseev, Anton Yu.) – 3503
- Chekulaev, S.V.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Chelikowsky, James R.** (see Godlevsky, Vitaliy V.) – 4959
- Chemla, D.S.** (see Kner, P.) – 5386

AUTHOR INDEX

- Chen, C.H.** (see Ueda, Masahito) – 3972
- Chen, C.L.** (see Zhao, Y.G.) – 1310
- Chen, G.P.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Chen, Gang** (see Bonadeo, N.H.) – 2759
- Chen, H.F.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Chen, H.Y.** (see Chu, K.R.) – 4760
- Chen, J.** (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Chen, J.C.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Chen, Jincan** (see Yan, Zijun) – 5469(C)
- Chen, L.L.** (see Bush, J.E.) – 61
- Chen, L.-P.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Chen, M.L.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Chen, Qian Wang** (see Zhang, Yu Heng) – 1710
- Chen, Qijin; Ioan Kosztin, Boldizsár Jankó, and K. Levin** – Pairing Fluctuation Theory of Superconducting Properties in Underdoped to Overdoped Cuprates – 4708
- Chen, Qing-Hu** (see Chaté, Hugues) – 5471(C)
- Chen, S.H.** (see Chu, K.R.) – 4760
- Chen, Shiyi; Ciprian Foias, Darryl D. Holm, Eric Olson, Edriss S. Titi, and Shannon Wynne** – Camassa-Holm Equations as a Closure Model for Turbulent Channel and Pipe Flow – 5338
- ____ (see He, Guowei) – 4636
- Chen, W.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Chen, Xidong; and J.M. Gibson** – Experimental Evidence of a Gaussian Roughness at Si(111)/SiO₂ Interfaces – 4919
- Chen, Xin; and John A. Yeazell** – Observation of a Nondecaying Wave Packet in a Two-Electron Atom – 5772
- Chen, Y.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Chen, Y.B.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Chen, Y.C.** (see Shih, C.T.) – 1294
- Chen, Y.J.** (see Guenoun, P.) – 3872
- Chen, Y.Q.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Chen, Z.** (see Ahle, L.) – 2650
- Chen, Zheng Yu** (see Kemp, Josh P.) – 3880
- Chen, Zhonghui; Pulin Liu, and S.C. Shen** – Chen, Liu, and Shen Reply – 2835(C)
- Cheng, B.S.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Cheng, J.** (see Lawson, W.) – 3030
- Cheng, M.-T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- ____ (see Abe, F.) – 5754
- Cheong, S.-W.** (see Calvani, P.) – 4504
- ____ (see Lanzara, A.) – 878
- ____ (see Liu, H.L.) – 4684
- ____ (see Ueda, Masahito) – 3972
- Cherbatchev, R.** (see Aggarwal, M.M.) – 4087
- Chernikov, M.A.** (see Dolinšek, J.) – 3671
- Chertok, M.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Cheshnovsky, Ori** (see Busani, Ram) – 3836
- Cheung, N.** (see Zhang, Z.Q.) – 5540
- Chi, C.-Y.** (see Ahle, L.) – 2650
- Chialvo, Dante R.** (see Longtin, André) – 4012
- Chiang, T.-C.** (see Luh, D.-A.) – 4160
- ____ (see Paggel, J.J.) – 5632
- Chiang, W.-C.** (see Tsoi, M.) – 493(E)
- Chiarelli, G.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Chiarotti, Guido L.** (see Ueda, Masahito) – 2092
- Chiba, M.** (see Odaka, S.) – 2428
- Chiba, Y.** (see Odaka, S.) – 2428
- Chibane, F.** (see Jelila, F.S.) – 1933
- Chico, L.; M.P. López Sancho, and M.C. Muñoz** – Carbon-Nanotube-Based Quantum Dot – 1278
- Chien, C.L.** (see Wu, X.W.) – 2795
- Chien, Chen-Jung** (see Eom, Jonghwa) – 437
- Chikkatur, A.P.** (see Stamper-Kurn, D.M.) – 2194
- Chin, Cheng** (see Vuletić, Vladan) – 5768
- Chin, Y.H.** (see Huang, J.Y.) – 4388
- Chinaglia, Walter** (see Di Trapani, Paolo) – 5133
- Chiou, C.N.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Chiou, T.C.; and T. Katsouleas** – High Beam Quality and Efficiency in Plasma-Based Accelerators – 3411
- Chiron, A.** (see Lange, H.R.) – 1611
- Chisholm, M.F.; A. Maiti, S.J. Pennycook, and S.T. Pantelides** – Atomic Configurations and Energetics of Arsenic Impurities in a Silicon Grain Boundary – 132
- ____ (see McKee, R.A.) – 3014
- ____ (see Yan, Y.) – 3675
- Chittenden, J.P.** (see Lebedev, S.V.) – 4152
- Chiu, G.** (see Ng, A.) – 2914
- Chlebana, F.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432

- ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Chmelka, B.F. (see Favre, D.E.) – 5852
Cho, H.; J.B. Young, W. Kang, K.L. Campman, A.C. Gossard, M. Bichler, and W. Wegscheider – Hysteresis and Spin Transitions in the Fractional Quantum Hall Effect – 2522
Choi, E.J. (see Kim, K.H.) – 4983
Choi, Han-Yong – Coulomb Suppression of NMR Coherence Peak in Fullerene Superconductors – 441
Choi, Hyuk J. (see Escorcia-Aparicio, Ernesto J.) – 2144
Choi, M.Y. (see Choi, Mahn-Soo) – 4240
Choi, Mahn-Soo; M.Y. Choi, Taeseung Choi, and Sung-Ik Lee – Cotunneling Transport and Quantum Phase Transitions in Coupled Josephson-Junction Chains with Charge Frustration – 4240
Choi, S. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Choi, Seong-Youl; and Manuel Drees – Signals for *CP* Violation in Scalar Tau Pair Production at Muon Colliders – 5509
Choi, Seonho (see Balestra, F.) – 4572
Choi, Taeseung (see Choi, Mahn-Soo) – 4240
Chopard, Bastien; Alexandre Masselot, and Michel Droz – Multiparticle Lattice Gas Model for a Fluid: Application to Ballistic Annihilation – 1845
Chopra, S. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Chou, A. (see Abe, K.) – 942
Chou, F.C. (see Imai, T.) – 220
 ____ (see Imai, T.) – 3006
Choudhary, B. (see Apanasevich, L.) – 2642
Choudhary, B.C. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Choudhury, R.K. (see Majumdar, N.) – 4778(C)
Chouteau, G. (see Lorenz, T.) – 148
Chow, D.S.; P. Wzietek, D. Fogliatti, B. Alavi, D.J. Tantillo, C.A. Merlic, and S.E. Brown – Singular Behavior in the Pressure-Tuned Competition between Spin-Peierls and Antiferromagnetic Ground States of (TMTTF)₂PF₆ – 3984
Chow, Edmond; Per Delsing, and David B. Haviland – Length-Scale Dependence of the Superconductor-to-Insulator Quantum Phase Transition in One Dimension – 204
Chow, K.H.; and G.D. Watkins – Optically Induced Migration of Interstitial Zinc in ZnSe: Caught in the Act – 2084
Chow, P.C. (see Trenkler, J.) – 2276
Christensen, Kim; Raul Donangelo, Belita Koiller, and Kim Sneppen – Evolution of Random Networks – 2380
Christensen, N. (see Mardor, I.) – 5085
Christensen, Tage (see Olsen, Niels Boye) – 1031
Christenson, J.H. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Christian, D.C. (see Reyes, M.A.) – 4079
Christiansen, C. (see Marković, N.) – 701
 ____ (see Marković, N.) – 5217
Christofek, L. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Chrzan, D.C. (see Friedman, Lawrence H.) – 2715
 ____ (see Hughes, D.A.) – 4664
Chu, C.M. (see Blinov, B.B.) – 2906
Chu, C.W. (see Krusin-Elbaum, L.) – 3948
Chu, K.R.; H.Y. Chen, C.L. Hung, T.H. Chang, L.R. Barnett, S.H. Chen, and T.T. Yang – Ultrahigh Gain Gyrotron Traveling Wave Amplifier – 4760
Chu, M.L. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Chu, Steven (see Vuletić, Vladan) – 5768
Chu, T.K. – Turbulent Steady-State Configuration of an Inductively Driven Reversed Field Pinch Plasma – 3148
 – Erratum: Turbulent Steady-State Configuration of an Inductively Driven Reversed Field Pinch Plasma [Phys. Rev. Lett. **81**, 3148 (1998)] – 5255(E)
Chu, Y.Y. (see Ahle, L.) – 2650
Chuang, I.L. (see Lidar, D.A.) – 2594
Chubukov, Andrey V.; and Dirk K. Morr – Spectral Function of Superconducting Cuprates near Optimal Doping – 4716
Chudnovsky, E.M. (see Tejada, J.) – 736(C)
Chudoba, C.; E.T.J. Nibbering, and T. Elsaesser – Site-Specific Excited-State Solute-Solvent Interactions Probed by Femtosecond Vibrational Spectroscopy – 3010
Chujo, T. (see Aggarwal, M.M.) – 4087
Chumney, P. (see Ackerstaff, K.) – 5519
Chung, Daniel J.H.; Edward W. Kolb, and Antonio Riotto – Nonthermal Supermassive Dark Matter – 4048
Chung, M. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Chung, P. (see Danielewicz, P.) – 2438
Chung, S.U. (see Adams, G.S.) – 5760
Chung, W.H. (see Apanasevich, L.) – 2642
Church, E. (see Abe, K.) – 942
Church, E.D. (see Athanassopoulos, C.) – 1774
Cianciolo, V. (see Ahle, L.) – 2650
Ciciani, L. (see Ajaka, J.) – 1797
Cieślak, M. (see Shin, Y.) – 1576
Cihangir, S. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Cinabro, D. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Cipriani, P.; and M. Di Bari – Finsler Geometric Local Indicator of Chaos for Single Orbits in the Hénon-Heiles Hamiltonian – 5532
Cirac, J.I. (see Briegel, H.-J.) – 5932
 ____ (see Jaksch, D.) – 3108
 ____ (see Poyatos, J.F.) – 1322
Cisbani, E. (see Ackerstaff, K.) – 5519
 ____ (see Niculescu, G.) – 1805
 ____ (see Onderwater, C.J.G.) – 2213
 ____ (see Spaltro, C.M.) – 2870

AUTHOR INDEX

- Clack, J. A.** (see Gweon, G.-H.) – 886
- Cladis, P. E.** (see Fradin, Cécile) – 2902
- Claes, D.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Claessen, R.** (see Strocov, V. N.) – 4943
- Clark, A. G.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Clark, A. R.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Clark, J. W.** (see Khodel, V. A.) – 3828
- Clark, R.** (see Isaac, M. C. Perillo) – 2416
- Clark, R. M.** (see Longour, C.) – 3337
- Clark, T. R.; and H. M. Milchberg** – Frequency Selective Tunnel Coupling to the Plasma Fiber – 357
- Clarke, S. M.; and E. M. Terentjev** – Slow Stress Relaxation in Randomly Disordered Nematic Elastomers and Gels – 4436
- Clark-Phelps, R.** (see Bracht, H.) – 393
- Claudin, P.** (see Cates, M. E.) – 1841
- Claus, Piet; Martijn Derix, Renata Kallosh, Jason Kumar, Paul K. Townsend, and Antoine Van Proeyen** – Black Holes and Superconformal Mechanics – 4553
- Claussen, A.** (see Aggarwal, M. M.) – 4087
- Claussen, N. R.** (see Roberts, J. L.) – 5109
- Clayton, C. E.; K.-C. Tzeng, D. Gordon, P. Muggli, W. B. Mori, C. Joshi, V. Malka, Z. Najmudin, A. Modena, D. Neely, and A. E. Dangor** – Plasma Wave Generation in a Self-Focused Channel of a Relativistically Intense Laser Pulse – 100
- Clayton, R. N.** (see Nicolussi, G. K.) – 3583
- Clementi, Cecilia; Amos Maritan, and Jayanth R. Banavar** – Folding, Design, and Determination of Interaction Potentials Using Off-Lattice Dynamics of Model Heteropolymers – 3287
- Cleveland, Charles L.; W. D. Luedtke, and Uzi Landman** – Melting of Gold Clusters: Icosahedral Precursors – 2036
- Clever, R. M.** (see Busse, F. H.) – 341
- Cleymans, J.; and K. Redlich** – Unified Description of Freeze-Out Parameters in Relativistic Heavy Ion Collisions – 5284
- Cline, James M.; and Guy D. Moore** – Supersymmetric Electroweak Phase Transition: Baryogenesis versus Experimental Constraints – 3315
- Cloetens, P.** (see Rejmánková-Pernot, P.) – 3435
- Clugish, B. P.; J. R. Danielson, and C. F. Driscoll** – Resonant Particle Heating of an Electron Plasma by Oscillating Sheaths – 353
- Coan, T. E.** (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Cobal, M.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Cobau, W. G.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Cobble, J. A.** (see Fernández, Juan C.) – 2252
- Cobden, David H.; Marc Bockrath, Paul L. McEuen, Andrew G. Rinzler, and Richard E. Smalley** – Spin Splitting and Even-Odd Effects in Carbon Nanotubes – 681
- Cocca, E.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Cochran, J.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Cockayne, D. J. H.** (see Leon, R.) – 2486
- Cockayne, Eric; and Mike Widom** – Ternary Model of an Al-Cu-Co Decagonal Quasicrystal – 598
- Cocke, C. L.** (see Abdallah, M. A.) – 3627
 ____ (see Dörner, R.) – 5776
- Coe, J. M. D.** (see Dempsey, N. M.) – 5652
- Cognet, L.; V. Savalli, G. Zs. K. Horvath, D. Holleville, R. Marani, N. Westbrook, C. I. Westbrook, and A. Aspect** – Atomic Interference in Grazing Incidence Diffraction from an Evanescent Wave Mirror – 5044
- Cohen, B. I.** (see Wharton, K. B.) – 2248
- Cohen, I.** (see Athanassopoulos, C.) – 1774
- Cohen, Marvin L.** (see Côté, Michel) – 697
- Cohn, H. O.** (see Abe, K.) – 942
- Colby, R. H.; X. Zheng, M. H. Rafailovich, J. Sokolov, D. G. Peiffer, S. A. Schwarz, Y. Strzhemechny, and D. Nguyen** – Dynamics of Lightly Sulfonated Polystyrene Ionomers – 3876
- Cole, B. A.** (see Ahle, L.) – 2650
- Cole, J. D.** (see Ramayya, A. V.) – 947
- Collar, J. I.** (see Avignone, F. T., III) – 5068
- Collazo-Davila, Chris** (see Plass, Richard) – 4891
- Coller, J. A.** (see Abe, K.) – 942
- Collet, A.** (see Séréro, Y.) – 5584
- Collin, D.** (see Martinoty, P.) – 144
- Collins, G.** (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
- Collins, N. C.** (see Kostic, P.) – 2498
- Colmenero, J.** (see Arbe, A.) – 590
- Comelli, G.** (see Lizzit, S.) – 3271
- Comets, M. P.** (see Tatischeff, B.) – 1347(C)
- Compte, Albert; and Manuel O. Cáceres** – Fractional Dynamics in Random Velocity Fields – 3140
- Comsa, George** (see Kalf, Matthias) – 1255
- Condé, H.** (see Ericson, T. E. O.) – 5254(C)
- Conder, K.** (see Raffa, F.) – 5912
- Coney, L.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Conner, Z.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Connor, D.** (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
- Conrad, E. H.; A. Menzel, S. Kiriukhin, and M. C. Tringides** – Observations of Surface Temporal Fluctuations by Low Energy Electron Diffraction – 3175
- Conrad, J.** (see Kim, J. H.) – 3595
- Consolini, G.** (see De Michelis, P.) – 5023
- Constant, E.** (see Sakai, Hirofumi) – 2217
- Conti, Claudio** (see De Rossi, Alfredo) – 85
- Contoyiannis, Y. F.** (see Antoniou, N. G.) – 4289

- Contreras, M.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Convery, M.E.** (see Abe, F.) – 5278
Convery, M.R. (see Abe, K.) – 942
- Conway, J.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Cook, V.** (see Abe, K.) – 942
- Coombes, S.** (see Bressloff, P.C.) – 2168
 ____ (see Bressloff, P.C.) – 2384
- Cooper, C.** (see Vandenbosch, R.) – 1821
- Cooper, Fred; J.F. Dawson, D. Meredith, and H. Shepard** – Cooper *et al.* Reply – 241(C)
- Cooper, J.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Cooper, J.W.** (see Wehlitz, R.) – 1813
- Cooper, S.L.** (see Liu, H.L.) – 4684
- Cooper, W.E.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Čopič, M.** (see Mertelj, A.) – 5844
- Coppage, D.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Coppi, B.** (see Ernst, D.R.) – 2454
- Copty, N.K.** (see Aitala, E.M.) – 44
- Corberi, F.; G. Gonnella, and A. Lamura** – Spinodal Decomposition of Binary Mixtures in Uniform Shear Flow – 3852
- Cordelli, M.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Corkum, P.B.** (see Sakai, Hirofumi) – 2217
- Cornell, E.A.** (see Hall, D.S.) – 1539
 ____ (see Hall, D.S.) – 1543
 ____ (see Hall, D.S.) – 4531(E)
 ____ (see Hall, D.S.) – 4532(E)
 ____ (see Matthews, M.R.) – 243
 ____ (see Roberts, J.L.) – 5109
- Cornell, Stephen J.; Michael R. Swift, and Alan J. Bray** – Inelastic Collapse of a Randomly Forced Particle – 1142
- Cornish, N.J.; and E.P.S. Shellard** – Chaos in Quantum Cosmology – 3571
- Corraze, B.** (see Chauvet, O.) – 1102
- Corvera Poiré, Eugenia; and Martine Ben Amar** – Finger Behavior of a Shear Thinning Fluid in a Hele-Shaw Cell – 2048
- Corvisiero, P.** (see Ajaka, J.) – 1797
- Cory, D.G.; M.D. Price, W. Maas, E. Knill, R. Laflamme, W.H. Zurek, T.F. Havel, and S.S. Somaroo** – Experimental Quantum Error Correction – 2152
 ____ (see Tseng, C.H.) – 3785
- Costantini, G.** (see Rusponi, S.) – 2735
 ____ (see Rusponi, S.) – 4184
- Costanzo, D.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Costard, E.** (see Gérard, J.M.) – 1110
- Côté, Michel; Jeffrey C. Grossman, Marvin L. Cohen, and Steven G. Louie** – Electron-Phonon Interactions in Solid C₃₆ – 697
- Cothran, C.** (see Bochna, C.) – 4576
- Cottenier, S.** (see Demuyne, S.) – 2562
- Cotton, R.** (see Abe, K.) – 942
- Courant, H.** (see Mardor, I.) – 5085
- Court, G.R.** (see Ackerstaff, K.) – 5519
- Courtat, P.** (see Tatischeff, B.) – 1347(C)
- Courteille, Ph.; R.S. Freeland, D.J. Heinzen, F.A. van Abeelen, and B.J. Verhaar** – Observation of a Feshbach Resonance in Cold Atom Scattering – 69
- Courtens, E.** (see Foret, M.) – 2100
- Courtens, Eric** (see Bermejo, F. Javier) – 3801(C)
- Courtial, J.; D.A. Robertson, K. Dholakia, L. Allen, and M.J. Padgett** – Rotational Frequency Shift of a Light Beam – 4828
- Couyoumtzelis, C.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Cowan, B.** (see Nyéki, J.) – 152
- Cowan, R.F.** (see Abe, K.) – 942
- Cowburn, R.P.; A.O. Adeyeye, and M.E. Welland** – Configurational Anisotropy in Nanomagnets – 5414
- Cox, D.M.** (see Lourie, O.) – 1638
- Cox, Daniel L.** (see Schiller, Avraham) – 3235
- Coyne, D.G.** (see Abe, K.) – 942
- Crabtree, G.W.** (see DeWilde, Y.) – 492(E)
 ____ (see Willemin, M.) – 4236
- Crampin, S.** (see Li, Jiutao) – 4464
- Crawford, G.** (see Abe, K.) – 942
- Crawford, H.J.** (see Ahle, L.) – 2650
- Craxton, R.S.** (see Murphy, T.J.) – 108
- Cremaldi, L.M.** (see Aitala, E.M.) – 44
 ____ (see Alves, G.A.) – 1537(E)
- Crespi, Vincent H.** (see Zhang, Peihong) – 5346
- Creswick, R.J.** (see Avignone, F.T., III) – 5068
- Creswick, Richard J.** (see Kim, Seung-Yeon) – 2000
- Cretsinger, C.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524

AUTHOR INDEX

- Creutz, Michael** – Evaluating Grassmann Integrals – 3555
- Crittenden, R.R.** (see Adams, G.S.) – 5760
- Crocker, J.C.** (see Verma, Ritu) – 4004
- Cronenwett, S.M.; S.M. Maurer, S.R. Patel, C.M. Marcus, C.I. Duru  , and J.S. Harris, Jr.** – Mesoscopic Coulomb Blockade in One-Channel Quantum Dots – 5904
- Cronin-Hennessy, D.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Cropp, R.** (see Abe, F.) – 5742
- Cros, B.** (see Amiranoff, F.) – 995
- Cros, V.** (see Camarero, J.) – 850
- Cross, A.W.** (see Denisov, G.G.) – 5680
- Crowcroft, D.S.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Cruz de Le  n, G.; J.M. Saucedo-Solorio, and J.L. Arauz-Lara** – Colloidal Interactions in Partially Quenched Suspensions of Charged Particles – 1122
- Cs  rg  , T.** (see Vance, S.E.) – 2205
- Csorna, S.E.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Cubitt, R.** (see Lee, S.L.) – 5209
- ____ (see Sferrazza, M.) – 5173
- Cuello, G.J.** (see Cabrillo, C.) – 4361
- Cuello, Gabriel J.** (see Bermejo, F. Javier) – 3801(C)
- Cuevas, J.C.; A. Levy Yeyati, A. Mart  n-Rodero, G. Rubio Bollinger, C. Untiedt, and N. Agrait** – Evolution of Conducting Channels in Metallic Atomic Contacts under Elastic Deformation – 2990
- Cugliandolo, L.F.** (see Alberici-Kious, F.) – 4987
- Cui, J.B.; J. Ristein, and L. Ley** – Electron Affinity of the Bare and Hydrogen Covered Single Crystal Diamond (111) Surface – 429
- Cui, X.Z.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Culbertson, R.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Cullen, D.M.** (see Longour, C.) – 3337
- Cullen-Vidal, D.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Cumming, J.B.** (see Ahle, L.) – 2650
- Cummings, J.P.** (see Adams, G.S.) – 5760
- Cummings, M.A.C.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Cummings, W.** (see Niculescu, G.) – 1805
- Cummings, W.J.** (see Bochna, C.) – 4576
- Cummins, H.Z.** (see Losert, W.) – 409
- Cummins, T.R.** (see Mishra, S.R.) – 1306
- Curran, S.** (see Carroll, D.L.) – 2332
- Currat, R.** (see Perez-Mato, J.M.) – 2462
- Curro, N.J.** (see Haase, J.) – 1489
- Cutts, D.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Czajkowski, S.** (see Longour, C.) – 3337
- Czarnecki, Andrzej; and William J. Marciano** – Electroweak Radiative Corrections to $b \rightarrow s\gamma$ – 277
- Czarnetzki, U.; D. Luggenh  lscher, and H.F. D  bele** – Sensitive Electric Field Measurement by Fluorescence-Dip Spectroscopy of Rydberg States of Atomic Hydrogen – 4592
- Czir  k, Andr  s; Katalin Schlett, Em  lia Madar  sz, and Tam  s Vicsek** – Exponential Distribution of Locomotion Activity in Cell Cultures – 3038
- Czjzek, G.** (see Fournier, P.) – 4720
- da Motta Filho, H.** (see Alves, G.A.) – 1537(E)
- da Motta, H.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Dabrowski, B.** (see Basov, D.N.) – 2132
- Daehnick, W.W.** (see Meyer, H.O.) – 3096
- Dagenhart, D.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Dagenhart, W.D.** (see Alves, G.A.) – 1537(E)
- Dagotto, E.** (see Yunoki, S.) – 5612
- Dagotto, Elbio; and Jos   Riera** – Dagotto and Riera Reply – 4028(C)
- Dahl, O.I.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Dai, Hai-Lung** (see Sjodin, Theodore) – 5664
- Dai, Xi; and Zhao-Bin Su** – Fermi Surface Evolution, Pseudogap, and Staggered Gauge Field Fluctuations in Underdoped Cuprates – 2136
- Dai, Z.G.; and T. Lu** – γ -Ray Bursts and Afterglows from Rotating Strange Stars and Neutron Stars – 4301
- Daigo, M.** (see Odaka, S.) – 2428
- Daivis, Peter J.** (see Todd, B.D.) – 1118
- Dalal, N.; A. Klymachyov, and A. Bussmann-Holder** – Coexistence of Order-Disorder and Displacive Features at the Phase Transitions in Hydrogen-Bonded Solids: Squaric Acid and its Analogs – 5924
- Dalfovo, F.** (see Matthews, M.R.) – 243
- Dalpia, P.F.** (see Ackerstaff, K.) – 5519
- Damascelli, A.; D. van der Marel, M. Gr  ninger, C. Presura, T.T.M. Palstra, J. Jegoudez, and A. Revcolevschi** – Direct Two-Magnon Optical Absorption in α' -NaV₂O₅: “Charged” Magnons – 918
- Dambasuren, E.** (see Alam, M.S.) – 3328
- Damerell, C.J.S.** (see Abe, K.) – 942
- D’Amico, I.** (see Allahyarov, E.) – 1334
- D’Amore, F.** (see Calvani, P.) – 4504
- Damour, Thibault; and Lawrence M. Krauss** – A New Solar System Dark Matter Population of Weakly Interacting Massive Particles – 5726
- Dana, Itzhack; Mario Feingold, and Michael Wilkinson** – Band Distributions for Quantum Chaos on a Torus – 3124
- Danagouliau, S.** (see Bochna, C.) – 4576
- ____ (see Niculescu, G.) – 1805
- Dang, Le Si; D. Heger, R. Andr  , F. B  uf, and R. Romestain** – Stimulation of Polariton Photoluminescence in Semiconductor Microcavity – 3920
- D’Angelo, A.** (see Ajaka, J.) – 1797

- Dangoisse, D.** (see Celet, J.C.) – 975
- Dangor, A.E.** (see Clayton, C.E.) – 100
- ____ (see Lebedev, S.V.) – 4152
- ____ (see Lorenz, A.) – 361
- ____ (see Tatarakis, M.) – 999
- Daniel, A.V.** (see Ramayya, A.V.) – 947
- Danielewicz, P.; Roy A. Lacey, P.-B. Gossiaux, C. Pinkenburg, P. Chung, J.M. Alexander, and R.L. McGrath** – Disappearance of Elliptic Flow: A New Probe for the Nuclear Equation of State – 2438
- Danielius, R.** (see Di Trapani, P.) – 570
- Daniels, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Danielson, J.R.** (see Cluggish, B.P.) – 353
- Danielson, M.N.** (see Abe, K.) – 942
- D’Anna, G.; V. Berseth, L. Forró, A. Erb, and E. Walker** – Hall Anomaly and Vortex-Lattice Melting in Superconducting Single Crystal $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ – 2530
- Danyo, K.** (see Adams, G.S.) – 5760
- Danzmann, K.** (see Heinzl, G.) – 5493
- Daoudi, M.** (see Abe, K.) – 942
- Darling, C.** (see Aitala, E.M.) – 44
- ____ (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Darling, C.L.** (see Alves, G.A.) – 1537(E)
- Daruka, I.** (see Lee, S.) – 3479
- Darzens, S.** (see Fournier, P.) – 4720
- Das, A.C.** (see Aggarwal, M.M.) – 4087
- Das Sarma, S.; and E.H. Hwang** – Plasmons in Coupled Bilayer Structures – 4216
- ____ (see Fabian, J.) – 5624
- Dasgupta, B.; P. Dasgupta, M.S. Janaki, T. Watanabe, and T. Sato** – Relaxed States of a Magnetized Plasma with Minimum Dissipation – 3144
- Dasgupta, M.** (see Hinde, D.J.) – 4777(C)
- Dasgupta, P.** (see Dasgupta, B.) – 3144
- Date, G.; Pijush K. Ghosh, and M.V.N. Murthy** – Novel Classical Ground State of a Many Body System in Arbitrary Dimensions – 3051
- Daugas, J.M.** (see Longour, C.) – 3337
- Davidović, D.M.** (see Lalović, D.I.) – 1223
- Davids, B.; D.W. Anthony, Sam M. Austin, D. Bazin, B. Blank, J.A. Caggiano, M. Chartier, H. Esbensen, P. Hui, C.F. Powell, H. Scheit, B.M. Sherrill, M. Steiner, P. Thirolf, J. Yurkon, and A. Zeller** – Measurement of $E2$ Transitions in the Coulomb Dissociation of ^8B – 2209
- ____ (see Navin, A.) – 5089
- Davids, B.S.** (see Bush, J.E.) – 61
- Davidson, Ronald C.** – Nonlinear Stability Theorem for High-Intensity Charged Particle Beams – 991
- Davies, J.R.** (see Tatarakis, M.) – 999
- Davis, A.M.** (see Nicolussi, G.K.) – 3583
- Davis, J.C.** (see Simmonds, R.W.) – 1247
- Davis, J.E.** (see Nolan, P.D.) – 3179
- Davis, K.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Davis, M.J.** (see Gardiner, C.W.) – 5266
- Davis, R.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Dawson, J.F.** (see Cooper, Fred) – 241(C)
- Dax, A.** (see Seelig, P.) – 4824
- Day, P.** (see Ardavan, A.) – 713
- Day, Peter K.; William A. Moeur, Steven S. McCreedy, Dmitri A. Sergatskov, Feng-Chuan Liu, and Robert V. Duncan** – Breakdown of Fourier’s Law near the Superfluid Transition in ^4He – 2474
- De, K.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- de Andrade, M.C.; R. Chau, R.P. Dickey, N.R. Dilley, E.J. Freeman, D.A. Gajewski, M.B. Maple, R. Movshovich, A.H. Castro Neto, G. Castilla, and B.A. Jones** – Evidence for a Common Physical Description of Non-Fermi-Liquid Behavior in Chemically Substituted f -Electron Systems – 5620
- de Andres, P.L.** (see Reuter, K.) – 4963
- de Araujo, Luís E.E.; Ian A. Walmsley, and C.R. Stroud, Jr.** – Analytic Solution for Strong-Field Quantum Control of Atomic Wave Packets – 955
- de Assis, A.S.** (see Tsypin, V.S.) – 3403
- de Azevedo, C.A.** (see Tsypin, V.S.) – 3403
- de Barbaro, L.** (see Apanasevich, L.) – 2642
- ____ (see Kim, J.H.) – 3595
- de Barbaro, P.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- ____ (see Kim, J.H.) – 3595
- de Bohan, Armelle; Philippe Antoine, Dejan B. Milošević, and Bernard Piraux** – Phase-Dependent Harmonic Emission with Ultrashort Laser Pulses – 1837
- ____ (see Salières, Pascal) – 5544
- de Bruyn, John R.; C. Bizon, M.D. Shattuck, D. Goldman, J.B. Swift, and Harry L. Swinney** – Continuum-Type Stability Balloon in Oscillated Granular Layers – 1421
- de Cecco, P.** (see Ambrose, D.) – 4309
- de Florian, D.; M. Stratmann, and W. Vogelsang** – Polarized Λ -Baryon Production in pp Collisions – 530
- de Gironcoli, Stefano** (see Lazzeri, Michele) – 2096
- de Groot, F.M.F.** (see Tjeng, L.H.) – 734(C)
- de Groot, N.** (see Abe, K.) – 942
- de Heer, Walt A.** (see Bonard, Jean-Marc) – 1441
- de Jongh, L.J.** (see Sinzig, J.) – 3211
- de la Cruz, F.** (see Grigera, S.A.) – 2348
- De Leo, R.** (see Niculescu, G.) – 1805
- ____ (see Onderwater, C.J.G.) – 2213
- ____ (see Spaltro, C.M.) – 2870
- De Los Rios, Paolo; and Yi-Cheng Zhang** – Directed Polymers on a Factorized Disorder Landscape – 1023
- De Lucia, Frank C.** (see Ball, Christopher D.) – 305
- De Martini, Francesco** – Amplification of Quantum Entanglement – 2842
- De Marzi, G.** (see Calvani, P.) – 4504
- de Mello Neto, J.R.T.** (see Aitala, E.M.) – 44
- ____ (see Alves, G.A.) – 1537(E)
- De Michelis, P.; G. Consolini, and A. Meloni** – Sign Singularity in the Secular Acceleration of the Geomagnetic Field – 5023
- de Miguel, J.J.** (see Camarero, J.) – 850

AUTHOR INDEX

- de Miranda, J.M.** (see Aitala, E.M.) – 44
 ____ (see Alves, G.A.) – 1537(E)
- de Moura, Francisco A.B.F.; and Marcelo L. Lyra** – Delocalization in the 1D Anderson Model with Long-Range Correlated Disorder – 3735
- De Padova, P.; R. Larciprete, C. Quaresima, C. Ottaviani, B. Ressel, and P. Perfetti** – Identification of the Si $2p$ Surface Core Level Shifts on the Sb/Si(001)-(2 $\times$ 1) Interface – 2320
- De Renzi, R.** (see Allodi, G.) – 4736
- De Rossi, Alfredo; Claudio Conti, and Stefano Trillo** – Stability, Multistability, and Wobbling of Optical Gap Solitons – 85
- de Ruyter van Steveninck, Rob R.** (see Ueda, Masahito) – 4000
- de San Roman, F.S.; S. Boccaletti, D. Maza, and H. Mancini** – Weak Synchronization of Chaotic Coupled Map Lattices – 3639
- De Sanctis, E.** (see Ackerstaff, K.) – 5519
- de Sangro, R.** (see Abe, K.) – 942
- De Schepper, D.** (see Ackerstaff, K.) – 5519
- De Silvestri, S.** (see Graupner, W.) – 3259
- De Souza-Machado, S.** (see Skiff, F.) – 5820
- de Swart, J.J.** (see Rentmeester, M.C.M.) – 5253(C)
- de Troconiz, J.F.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- de Vries, H.** (see Spaltro, C.M.) – 2870
- de Vries, Pedro; and Ad Legendijk** – Resonant Scattering and Spontaneous Emission in Dielectrics: Microscopic Derivation of Local-Field Effects – 1381
- de Vries, S.A.; W.J. Huisman, P. Goedtkindt, M.J. Zwanenburg, S.L. Bennett, and E. Vlieg** – Floating Stacking Fault during Homoepitaxial Growth of Ag(111) – 381
- de Witt Huberts, P.K.A.** (see Ackerstaff, K.) – 5519
- Deak, J.G.** (see Koch, R.H.) – 4512
- Debbe, R.** (see Ahle, L.) – 2650
- Dębowski, M.** (see Balestra, F.) – 4572
 ____ (see Shin, Y.) – 1576
- Decanini, D.** (see Mathieu, C.) – 3968
- Decker, C.** (see Murphy, T.J.) – 108
- Decowski, M.P.** (see Aggarwal, M.M.) – 4087
- Decruppe, J.P.** (see Lerouge, S.) – 5457
- Dederichs, P.H.** (see Mavropoulos, Ph.) – 1505
- Deeney, C.; M.R. Douglas, R.B. Spielman, T.J. Nash, D.L. Peterson, P. L'Eplattenier, G.A. Chandler, J.F. Seamen, and K.W. Struve** – Enhancement of X-Ray Power from a Z Pinch Using Nested-Wire Arrays – 4883
- Degiori, L.** (see Vescoli, V.) – 453
- DeGrand, T.** (see Bernard, C.) – 4812
- Deissler, Robert J.; and Helmut R. Brand** – Effect of Nonlinear Gradient Terms on Breathing Localized Solutions in the Quintic Complex Ginzburg-Landau Equation – 3856
- DeJongh, F.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Dekoster, J.** (see Demuynck, S.) – 2562
- del Barco, E.** (see Tejada, J.) – 736(C)
- Del Bianco, L.; C. Ballesteros, J.M. Rojo, and A. Hernando** – Magnetically Ordered fcc Structure at the Relaxed Grain Boundaries of Pure Nanocrystalline Fe – 4500
- Del Fatti, N.; R. Bouffanais, F. Vallée, and C. Flytzanis** – Nonequilibrium Electron Interactions in Metal Films – 922
- Del Signore, K.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Del Sole, R.** (see Shkrebtii, A.I.) – 721
- Del Sole, Rodolfo** (see Mendoza, Bernardo S.) – 3781
 ____ (see Pulci, Olivia) – 5374
- Delahaye, J.; J.P. Brison, and C. Berger** – Evidence for Variable Range Hopping Conductivity in the Ordered Quasicrystal i -AlPdRe – 4204
- Delamater, N.D.** (see Murphy, T.J.) – 108
- Delande, Dominique** (see Jonckheere, Thibaut) – 2442
- Deleplanque, M.A.** (see Isaac, M.C. Perillo) – 2416
- Deleltrez, J.A.** (see Smalyuk, V.A.) – 5342
- della Pergola, R.** (see Sinzig, J.) – 3211
- Dell'Agnello, S.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Delley, B.** (see Garnier, M.) – 1349(C)
- Dell'Orso, M.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Dell'Orso, R.** (see Abe, K.) – 942
- Delos, J.B.** (see Beims, M.W.) – 4537
 ____ (see Haggerty, M.R.) – 1592
- Delsanti, M.** (see Guenoun, P.) – 3872
- Delsing, Per** (see Chow, Edmond) – 204
- Deluzet, André** (see Belin, Stéphane) – 4728
- Demarteau, M.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Demina, R.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Demokritov, S.O.** (see Bauer, M.) – 3769
 ____ (see Mathieu, C.) – 3968
- Demortier, L.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748

- (see Abe, F.) – 5754
- Dempsey, N.M.; M. Ghidini, J.P. Nozières, P.A.I. Smith, B. Gervais, and J.M.D. Coey** – Magnetic Hardening of $\text{Sm}_2\text{Fe}_{17}\text{N}_3$ by Radiation Damage – 5652
- Demtröder, W.** (see von Busch, H.) – 4584
- Demuynck, S.; J. Meersschart, J. Dekoster, B. Swinnen, R. Moons, A. Vantomme, S. Cottenier, and M. Rots** – Structural and Magnetic Ordering of Chromium in Ag/Cr Multilayers – 2562
- Denecke, R.** (see Tober, E.D.) – 2360
- Deng, Chuanbao** (see Jones, I.R.) – 2072
- Deng, X.; and M. Krishnamurthy** – Self-Assembly of Quantum-Dot Molecules: Heterogeneous Nucleation of SiGe Islands on Si(100) – 1473
- Deninno, M.** (see Abe, F.) – 1367
- (see Abe, F.) – 1791
- (see Abe, F.) – 2432
- (see Abe, F.) – 4806
- (see Abe, F.) – 5278
- (see Abe, F.) – 5513
- (see Abe, F.) – 5742
- (see Abe, F.) – 5748
- (see Abe, F.) – 5754
- Denisenko, K.** (see Aitala, E.M.) – 44
- Denisov, D.** (see Abbott, B.) – 38
- (see Abbott, B.) – 524
- Denisov, G.G.; V.L. Bratman, A.W. Cross, W. He, A.D.R. Phelps, K. Ronald, S.V. Samsonov, and C.G. Whyte** – Gyrotron Traveling Wave Amplifier with a Helical Interaction Waveguide – 5680
- Denisov, S.** (see Adams, G.S.) – 5760
- Denisov, S.P.** (see Abbott, B.) – 38
- (see Abbott, B.) – 524
- Denlinger, J.D.** (see Gweon, G.-H.) – 886
- Denschlag, Johannes; Gerhard Umshauss, and Jörg Schmiedmayer** – Probing a Singular Potential with Cold Atoms: A Neutral Atom and a Charged Wire – 737
- Denton, A.R.; and H. Löwen** – Stability of Colloidal Quasicrystals – 469
- Denz, C.** (see Jensen, S. Juul) – 1614
- Deo, P. Singha** (see Schweigert, V.A.) – 2783
- DePaola, B.D.** (see Fisher, D.S.) – 1817
- (see Wehlitz, R.) – 1813
- Derbenev, Ya.S.** (see Blinov, B.B.) – 2906
- Derby, Jeffrey J.** (see Godlevsky, Vitaliy V.) – 4959
- Derix, Martijn** (see Claus, Piet) – 4553
- Derkachov, S.É.** (see Braun, V.M.) – 2020
- Dervan, P.J.** (see Abe, K.) – 942
- Derwent, P.F.** (see Abe, F.) – 1367
- (see Abe, F.) – 1791
- (see Abe, F.) – 2432
- (see Abe, F.) – 4806
- (see Abe, F.) – 5278
- (see Abe, F.) – 5513
- (see Abe, F.) – 5742
- (see Abe, F.) – 5748
- (see Abe, F.) – 5754
- Derycke, V.; P. Soukiassian, A. Mayne, G. Dujardin, and J. Gautier** – Carbon Atomic Chain Formation on the β -SiC(100) Surface by Controlled $sp \rightarrow sp^3$ Transformation – 5868
- Descamps, D.** (see Amiranoff, F.) – 995
- DeSoi, W.** (see Apanasevich, L.) – 2642
- Dessagne, Ph.** (see Longour, C.) – 3337
- Dessau, D.S.; T. Saitoh, C.-H. Park, Z.-X. Shen, P. Villella, N. Hamada, Y. Moritomo, and Y. Tokura** – k -Dependent Electronic Structure, a Large “Ghost” Fermi Surface, and a Pseudogap in a Layered Magnetoresistive Oxide – 192
- DeTar, C.** (see Bernard, C.) – 4812
- DeTar, Carleton** (see Bernard, Claude) – 3087
- Detraux, F.; Ph. Ghosez, and X. Gonze** – Long-Range Coulomb Interaction in ZrO_2 – 3297(C)
- Deutsch, M.** (see Imamoğlu, A.) – 2836(E)
- Dev, Vas** (see von Busch, H.) – 4584
- Devitsin, E.** (see Ackerstaff, K.) – 5519
- Devlin, T.** (see Abe, F.) – 1367
- (see Abe, F.) – 1791
- (see Abe, F.) – 2432
- (see Abe, F.) – 4806
- (see Abe, F.) – 5278
- (see Abe, F.) – 5513
- (see Abe, F.) – 5742
- (see Abe, F.) – 5748
- (see Abe, F.) – 5754
- DeWilde, Y.; N. Miyakawa, P. Guptasarma, M. Iavarone, L. Ozyuzer, J.F. Zasadzinski, P. Romano, D.G. Hinks, C. Kendziora, G.W. Crabtree, and K.E. Gray** – Erratum: Unusual Strong-Coupling Effects in the Tunneling Spectroscopy of Optimally Doped and Overdoped $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ [Phys. Rev. Lett. **80**, 153 (1998)] – 492(E)
- DeWitt, D.** (see Mannervik, S.) – 313
- DeWitt, Merrick J.; and Robert J. Levis** – Observing the Transition from a Multiphoton-Dominated to a Field-Mediated Ionization Process for Polyatomic Molecules in Intense Laser Fields – 5101
- Dewitz, J.P.; and W. Hübner** – Dewitz and Hübner Reply – 4273(C)
- Deych, Lev I.; D. Zaslavsky, and A.A. Lisyansky** – Statistics of the Lyapunov Exponent in 1D Random Periodic-on-Average Systems – 5390
- Deymier, P.A.** (see Oh, Ki-dong) – 3104
- DeYoung, P.A.** (see Kolata, J.J.) – 4580
- Dhalenne, G.** (see Lorenz, T.) – 148
- (see Vasil’ev, A.N.) – 1949
- Dhar, Deepak** (see Rajesh, R.) – 1646
- Dhar, Sujana K.** (see Basu, Abhik) – 2687
- Dhirani, Al-Amin** (see Smith, Edward T.) – 1996
- Dholakia, K.** (see Courtial, J.) – 4828
- Dhruva, Brindesh** (see Arad, Itai) – 5330
- Di Bari, M.** (see Cipriani, P.) – 5532
- Di Cicco, Andrea** – Phase Transitions in Confined Gallium Droplets – 2942
- Di Loreto, G.** (see Abbott, B.) – 38
- (see Abbott, B.) – 524
- Di Nezza, P.** (see Ackerstaff, K.) – 5519
- Di Salvo, R.** (see Ajaka, J.) – 1797
- Di Trapani, P.; D. Caironi, G. Valiulis, A. Dubietis, R. Danielius, and A. Piskarskas** – Observation of Temporal Solitons in Second-Harmonic Generation with Tilted Pulses – 570
- Di Trapani, Paolo; Audrius Beržanskis, Stefano Minardi, Samantha Sapone, and Walter Chinaglia** – Observation of Optical Vortices and J_0 Bessel-Like Beams in Quantum-Noise Parametric Amplification – 5133
- Diakonov, F.K.** (see Antoniou, N.G.) – 4289
- Diakonov, Fotis K.; Peter Schmelcher, and Ofer Biham** – Systematic Computation of the Least Unstable Periodic Orbits in Chaotic Attractors – 4349
- Diamond, P.H.** (see Medvedev, M.V.) – 5824
- Díaz-Ortiz, A.; J.M. Sanchez, and J.L. Morán-López** – Order-Disorder Transitions under Confinement – 1146
- Dickey, R.P.** (see de Andrade, M.C.) – 5620
- Dickhoff, W.H.** (see Onderwater, C.J.G.) – 2213
- Dickman, Ronald** (see Vespignani, Alessandro) – 5676
- Dickson, M.** (see Alam, M.S.) – 3328
- (see Anderson, S.) – 3823

AUTHOR INDEX

- ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Dickson, Robert M.; D.J. Norris, and W.E. Moerner – Simultaneous Imaging of Individual Molecules Aligned Both Parallel and Perpendicular to the Optic Axis – 5322
Didelez, J.P. (see Bock, A.) – 534
Didelez, J.-P. (see Ajaka, J.) – 1797
Diebold, Ulrike; Wilhelm Hebenstreit, Georg Leonardelli, Michael Schmid, and Peter Varga – High Transient Mobility of Chlorine on TiO₂(110): Evidence for “Cannon-Ball” Trajectories of Hot Adsorbates – 405
Diehl, H.T. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Diehl, M.; T. Gousset, B. Pire, and O. Teryaev – Probing Partonic Structure in $\gamma^*\gamma \rightarrow \pi\pi$ near Threshold – 1782
Diener, R.B. (see Madison, K.W.) – 5093
Diesburg, M. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Dietl, T.; W. Dobrowolski, J. Kossut, B.J. Kowalski, W. Szuszkiewicz, Z. Wilamowski, and A.M. Witowski – Comment on “HgSe: Metal or Semiconductor?” – 1535(C)
Dietrich, F.S. (see Abfalterer, W.P.) – 57
Dietrich, S. (see Hanke, A.) – 1885
Dietsche, W. (see Kronmüller, S.) – 2526
Diezemann, Gregor (see Schirmacher, Walter) – 136
DiGregorio, D.E. (see Avignone, F.T., III) – 5068
Dijkstra, Marjolein; René van Roij, and Robert Evans – Phase Behavior and Structure of Binary Hard-Sphere Mixtures – 2268
Dilley, N.R. (see de Andrade, M.C.) – 5620
Dima, M. (see Abe, K.) – 942
DiMasi, E. (see Gweon, G.-H.) – 886
Dimeo, R.M.; P.E. Sokol, C.R. Anderson, W.G. Stirling, K.H. Andersen, and M.A. Adams – Localized Collective Excitations in Superfluid Helium in Vycor – 5860
Ding, Chuan-Fan (see Wang, Lai-Sheng) – 2667
 ____ (see Wang, Xue-Bin) – 3351
Ding, H.L. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Ding, L.Y. (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Diósi, Lajos; and Jonathan J. Halliwell – Coupling Classical and Quantum Variables using Continuous Quantum Measurement Theory – 2846
DiSalvo, Francis J., Jr. (see Ruoff, Arthur L.) – 2723
Ditchfield, R.; D. Llera-Rodríguez, and E.G. Seebauer – Nonthermal Effects of Photon Illumination on Surface Diffusion – 1259
Dittmann, J.R. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Ditto, William L. (see Lindner, John F.) – 5048
 ____ (see Sinha, Sudeshna) – 2156
Dixon, R.L. (see Alves, G.A.) – 1537(E)
Djalali, Ch. (see Ajaka, J.) – 1797
Djaoui, A. (see Hall, T.A.) – 1003
Djordjadze, V. (see Aggarwal, M.M.) – 4087
Djurić, N. (see Pedersen, H.B.) – 5302
Đlugosz, W. (see Apanasevich, L.) – 2642
Dobaczewski, J. (see Satuła, W.) – 3599
Döbele, H.F. (see Czarnetzki, U.) – 4592
Dobrescu, Bogdan A.; and Christopher T. Hill – Electroweak Symmetry Breaking via a Top Condensation Seesaw Mechanism – 2634
Dobrowolski, W. (see Dietl, T.) – 1535(C)
Dodd, M.E.; P.C. Hendry, N.S. Lawson, P.V.E. McClintock, and C.D.H. Williams – Nonappearance of Vortices in Fast Mechanical Expansions of Liquid ⁴He through the Lambda Transition – 3703
Dodd, R.J. (see Hutchinson, D.A.W.) – 2198
Dodelson, Scott (see Knox, Lloyd) – 2004
 ____ (see Lopez, Robert E.) – 3075
Dodge, G.E. (see Spaltro, C.M.) – 2870
Dogterom, Marileen; and Bernard Yurke – Microtubule Dynamics and the Positioning of Microtubule Organizing Centers – 485
Doki, W. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Dolgov, O.V. (see Schopohl, N.) – 4025(C)
Dolinšek, J.; B. Ambrosini, P. Vonlanthen, J.L. Gavilano, M.A. Chernikov, and H.R. Ott – Atomic Motion in Quasicrystalline Al₇₀Re_{8.6}Pd_{21.4}: A Two-Dimensional Exchange NMR Study – 3671
D’Oliveira, A. (see Abe, K.) – 942
d’Oliveira, A.B. (see Aitala, E.M.) – 44
Domany, Eytan (see Wiseman, Shai) – 22
Dombrowski, R. (see Wittneven, Chr.) – 5616
Doms, A.; P.-G. Reinhard, and E. Suraud – Theoretical Estimation of the Importance of Two-Electron Collisions for Relaxation in Metal Clusters – 5524
Donahue, J.B. (see Athanassopoulos, C.) – 1774
Donangelo, Raul (see Christensen, Kim) – 2380
Donati, S. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Done, J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Dong, D.N. (see Abe, K.) – 942
Dong, L.Y. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Doniach, S. (see Krämer, A.) – 3523
Donkó, Z.; B. Nyíri, L. Szalai, and S. Holló – Thermal Conductivity of the Classical Electron One-Component Plasma – 1622
Donner, W. (see Günther, R.) – 116
Donnevert, L. (see Gegenwart, P.) – 1501
Donni, P. (see Aggarwal, M.M.) – 4087
Donovan, K.J.; P. Hargrave, K. Scott, M. Somerton, and S. Spagnoli – Time Resolved Electron Motion on Isolated Polymer Chains in Solution – 3731
Dorantes-Dávila, J.; and G.M. Pastor – Magnetic Anisotropy of One-Dimensional Nanostructures of Transition Metals – 208
Dorchies, F. (see Amiranoff, F.) – 995
Dore, P. (see Calvani, P.) – 4504

- Dorigo, T.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Dorner, B.** (see Foret, M.) – 2100
- Dörner, R.; H. Bräuning, O. Jagutzki, V. Mergel, M. Achler, R. Moshhammer, J.M. Feagin, T. Osipov, A. Bräuning-Demian, L. Spielberger, J.H. McGuire, M.H. Prior, N. Berrah, J.D. Bozek, C.L. Cocke, and H. Schmidt-Böcking** – Double Photoionization of Spatially Aligned D₂ – 5776
- Dorning, J.J.** (see Lancellotti, Carlo) – 5137
- Dorofeev, V.** (see Adams, G.S.) – 5760
- Dorozhkina, D.S.; and V.E. Semenov** – Exact Solution of Vlasov Equations for Quasineutral Expansion of Plasma Bunch into Vacuum – 2691
- Dorsey, Alan T.** (see Goldstein, Raymond E.) – 5036(C)
- dos Reis, A.C.** (see Aitala, E.M.) – 44
 ____ (see Alves, G.A.) – 1537(E)
- Dosch, H.** (see Günther, R.) – 116
- Dose, V.; R. Preuss, and W. von der Linden** – Dimensionally Exact Energy Confinement Scaling in W7-AS – 3407
- Doskow, J.** (see Meyer, H.O.) – 3096
- Døssing, T.** (see Frattini, S.) – 2659
- Doubovik, I.** (see Aggarwal, M.M.) – 4087
- Douçot, Benoit** (see Vidal, Julien) – 5888
- Doudevski, Ivo; William A. Hayes, and Daniel K. Schwartz** – Submonolayer Island Nucleation and Growth Kinetics during Self-Assembled Monolayer Formation – 4927
- Dougherty, Andrew** (see Albert, Réka) – 2926
- Douglas, J.F.** (see Xie, R.) – 1251
- Douglas, Jack F.** (see Ermi, Brett D.) – 3900
- Douglas, M.R.** (see Deeney, C.) – 4883
- Doussineau, P.** (see Alberici-Kious, F.) – 4987
- Dove, Martin T.** (see Trachenko, Kostya) – 3431
- Dowd, J.P.** (see Adams, G.S.) – 5760
- Downes, A.; and M.E. Welland** – Photon Emission from Si(111)-(7 × 7) Induced by Scanning Tunneling Microscopy: Atomic Scale and Material Contrast – 1857
- Doye, Jonathan P.K.; and Daan Frenkel** – Mechanism of Thickness Determination in Polymer Crystals – 2160
- Doyle, B.L.** (see Schenkel, T.) – 2590
- Doyle, R.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Doyle, R.A.** (see Fuchs, D.T.) – 3944
 ____ (see Fukuda, Y.) – 1562
- Dragowsky, M.R.** (see Isaac, M.C. Perillo) – 2416
- Drake, G.W.F.** (see Yan, Zong-Chao) – 774
- Drake, J.F.** (see Rogers, B.N.) – 4396
- Drake, R.P.; S.G. Glendinning, Kent Estabrook, B.A. Remington, Richard McCray, R.J. Wallace, L.J. Suter, T.B. Smith, J.J. Carroll III, R.A. London, and E. Liang** – Observation of Forward Shocks and Stagnated Ejecta Driven by High-Energy-Density Plasma Flow – 2068
- Draper, P.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Drees, Manuel; Monoranjan Guchait, and Probir Roy** – Erratum: Stringent New Bounds on Supersymmetric Higgs Bosons from Existing Tevatron Data [Phys. Rev. Lett. **80**, 2047 (1998)] – 2394(E)
 ____ (see Choi, Seong-Youl) – 5509
- Drell, P.S.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Dremin, A.A.** (see Bayer, M.) – 2582
- Dresselhaus, G.** (see Kiang, C.-H.) – 1869
- Dresselhaus, M.S.** (see Kiang, C.-H.) – 1869
- Drew, H.D.** (see Zhao, Y.G.) – 1310
- Drewsen, M.; C. Brodersen, L. Hornekær, J.S. Hangst, and J.P. Schiffrer** – Large Ion Crystals in a Linear Paul Trap – 2878
- Drexlin, G.** (see Armbruster, B.) – 520
- Driscoll, C.F.** (see Anderegg, F.) – 4875
 ____ (see Cluggish, B.P.) – 353
- Drndic, M.** (see Johnson, K.S.) – 1137
- Drossel, Barbara** – Extinction Events and Species Lifetimes in a Simple Ecological Model – 5011
 ____ (see Moore, M.A.) – 4252
- Droz, Michel** (see Chopard, Bastien) – 1845
- Drummer, T.L.** (see Veal, K.D.) – 1187
- Drummond, P.D.; K.V. Kheruntsyan, and H. He** – Coherent Molecular Solitons in Bose-Einstein Condensates – 3055
- Du, P.Y.C.** (see Abe, K.) – 942
- Du, Y.-B.; and P. Tong** – Enhanced Heat Transport in Turbulent Convection over a Rough Surface – 987
- Du, Z.Z.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Duan, Wenhui; G. Paiva, Renata M. Wentzcovitch, and A. Fazio** – Optical Transitions in Ruby across the Corundum to Rh₂O₃ (II) Phase Transformation – 3267
- Dubietis, A.** (see Di Trapani, P.) – 570
- Dubois, R.** (see Abe, K.) – 942
- Dubois-Violette, Elisabeth** (see Léonetti, Marc) – 1977
- Duboscq, J.E.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Ducastelle, F.** (see Le Floch, D.) – 2272
- Ducci, S.** (see Ramazza, P.L.) – 4128
- Ducros, Y.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Dudko, L.V.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Dugad, S.R.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Duguet, A.** (see Taouil, I.) – 4600
- Dühr, O.** (see Korn, G.) – 1215
- Dujardin, G.** (see Derycke, V.) – 5868
- Duke, J.** (see Watt, R.G.) – 4644
- Duncan, F.** (see Niculescu, G.) – 1805
- Duncan, F.A.** (see Bochna, C.) – 4576
- Duncan, R.V.** (see Aselage, T.L.) – 2316
- Duncan, Robert V.** (see Day, Peter K.) – 2474
- Dunford, C.** (see Mughabghab, S.F.) – 4083
- Dunford, R.W.** (see Jung, M.) – 1596
- Dunlap, D.H.** (see Novikov, S.V.) – 4472
- Dunlea, J.** (see Apanasevich, L.) – 2642
- Dunlop, J.C.** (see Ahle, L.) – 2650
- Dunne, G.** (see Gibson, G.N.) – 2663
- Dunne, J.** (see Niculescu, G.) – 1805
- Dunne, J.A.** (see Bochna, C.) – 4576
- Dunwoodie, W.** (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Duplantier, Bertrand** – Random Walks and Quantum Gravity in Two Dimensions – 5489
- Dür, W.** (see Briegel, H.-J.) – 5932
- Düren, M.** (see Ackerstaff, K.) – 5519

AUTHOR INDEX

- Dürr, S.; T. Nonn, and G. Rempe** – Fringe Visibility and Which-Way Information in an Atom Interferometer – 5705
- Durrant, S.** (see Mardor, I.) – 5085
- Duruöz, C.I.** (see Cronenwett, S.M.) – 5904
- ____ (see Huibers, A.G.) – 1917
- ____ (see Patel, S.R.) – 5900
- Duscher, G.** (see Yan, Y.) – 3675
- Dutta, D.** (see Bochna, C.) – 4576
- ____ (see Niculescu, G.) – 1805
- Dutta Majumdar, M.R.** (see Aggarwal, M.M.) – 4087
- Dutz, H.** (see Bock, A.) – 534
- Duval, M.A.** (see Ajaka, J.) – 1797
- Dvoredsky, A.** (see Ackerstaff, K.) – 5519
- Dyre, Jeppe C.** (see Olsen, Niels Boye) – 1031
- Dzemidzic, M.** (see Balestra, F.) – 4572
- ____ (see Meyer, H.O.) – 3096
- Dziarmaga, Jacek** – Density of Kinks Just after a Quench in an Underdamped System – 1551
- Density of Bloch Waves after a Quench – 5485
- Dzierba, A.R.** (see Adams, G.S.) – 5760
- Dzugutov, Mikhail; Erik Aurell, and Angelo Vulpiani** – Universal Relation between the Kolmogorov-Sinai Entropy and the Thermodynamical Entropy in Simple Liquids – 1762
- Earl, M.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Eberhard, V.** (see Armbruster, B.) – 520
- Eberhardt, W.** (see Kietzmann, H.) – 5378
- Eberl, K.** (see Schmidt, T.) – 3928
- ____ (see Wei, Y.Y.) – 1674
- Eberl, Karl** (see Blick, Robert H.) – 689
- Ebner, C.** (see Pelz, J.P.) – 5473(C)
- Ebrahim, N.A.** (see Nguyen, D.C.) – 810
- Eccleston, Roger S.; Masatomo Uehara, Jun Akimitsu, Hiroshi Eisaki, Naoki Motoyama, and Shin-ichi Uchida** – Spin Dynamics of the Spin-Ladder Dimer-Chain Material $\text{Sr}_{14}\text{Cu}_{24}\text{O}_{41}$ – 1702
- Echigo, S.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Ecke, Robert E.** (see Rivera, Michael) – 1417
- Eckel, H.-A.** (see von Busch, H.) – 4584
- Eckhause, M.** (see Ambrose, D.) – 4309
- ____ (see Ambrose, D.) – 5734
- Eckl, C.; A.P. Mayer, and A.S. Kovalev** – Do Surface Acoustic Solitons Exist? – 983
- Ecklund, K.M.** (see Alam, M.S.) – 3328
- ____ (see Ambrose, D.) – 4309
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Ecklund, S.** (see Prinz, A.A.) – 1175
- Eckstein, J.N.** (see Mallozzi, R.) – 1485
- Ecolivet, C.** (see Ollivier, J.) – 3667
- Economou, E.N.** (see Lidorikis, E.) – 1405
- Eddy, N.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Eden, J.G.** (see Gao, J.) – 1833
- Eden, T.** (see Bochna, C.) – 4576
- ____ (see Niculescu, G.) – 1805
- Edgington, J.A.** (see Armbruster, B.) – 520
- Edmunds, D.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Edwards, K.W.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Efimov, A.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Efimov, Peotr V.** (see Gerchikov, Leonid G.) – 2707
- Egan, Kenneth** (see Plass, Richard) – 4891
- Egger, R.** (see Mak, C.H.) – 4533
- Eggert, Sebastian; and Stefan Rommer** – Universal Crossover Behavior of a Magnetic Impurity and Consequences for Doping in Spin-1/2 Chains – 1690
- Egolf, David A.** – Dynamical Dimension of Defects in Spatiotemporal Chaos – 4120
- ____ (see Plapp, Brendan B.) – 5334
- Eguiluz, Adolfo G.** (see Schöne, Wolf-Dieter) – 1662
- Ehrhardt, Hendrik** (see Weissmüller, Jörg) – 1114
- Ehrlich, Gert** (see Kyuno, Kentaro) – 5592
- ____ (see Wang, S.C.) – 4923
- Ehrlich, R.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Ehrlich, S.N.** (see Brown, D.W.) – 1019
- Eichler, T.** (see Kanorsky, S.) – 401
- Eichner, C.** (see Armbruster, B.) – 520
- Eigen, G.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Eijndhoven, N.v.** (see Aggarwal, M.M.) – 4087
- Einsweiler, K.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Einzel, Dietrich; and Jeevak M. Parpia** – Liquid ^3He in Aerogel: Crossover from Drude's to Hagen-Poiseuille's Law – 3896
- Eiró, A.M.** (see Veal, K.D.) – 1187
- Eisaki, H.** (see Ino, A.) – 2124
- ____ (see Nagata, T.) – 1090
- ____ (see Neudert, R.) – 657
- Eisaki, Hiroshi** (see Eccleston, Roger S.) – 1702
- Eisenbarth, U.** (see Lauer, I.) – 2052
- Eisenberg, H.S.; Y. Silberberg, R. Morandotti, A.R. Boyd, and J.S. Aitchison** – Discrete Spatial Optical Solitons in Waveguide Arrays – 3383
- Eisenberg, Hagai** (see Belmonte, Andrew) – 345
- Eisenmenger, W.** (see Pecha, R.) – 717
- Eisenriegler, E.** (see Hanke, A.) – 1885
- Eisenstein, B.I.** (see Abe, K.) – 942
- ____ (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823

- ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Eitel, K. (see Armbruster, B.) – 520
Ejiri, A. (see Fujisawa, A.) – 2256
Ekert, Artur (see Bruss, Dagmar) – 2598
Ekukhimov, L.M. (see Frolov, V.L.) – 1630
El Chenawi, K. (see Aggarwal, M.M.) – 4087
Eland, J.H.D. (see Penent, F.) – 3619
Elbakian, G. (see Ackerstaff, K.) – 5519
Elbs, M.; T. Laue, H. Knöckel, and E. Tiemann – Asymptotic Molecular States and the Influence of Magnetic Fields – 959
Elder, K.R. (see Tarlie, Martin B.) – 18
Eldredge, W. (see Ahle, L.) – 2650
El-Fayoumi, I.M. (see Jones, I.R.) – 2072
Elfimov, A.G. (see Tsypin, V.S.) – 3403
Elias, J.E. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Eliseev, S. (see Aggarwal, M.M.) – 4087
Elliott, M. (see Watts, J.P.) – 4220
Ellison, J. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Ellsworth, R.W. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Ellwi, S. (see Hall, T.A.) – 1003
Elmgren, K. (see Ericson, T.E.O.) – 5254(C)
Elperin, Tov; Nathan Kleorin, and Igor Rogachevskii – Dynamics of Particles Advected by Fast Rotating Turbulent Fluid Flow: Fluctuations and Large-Scale Structures – 2898
Elsaesser, T. (see Chudoba, C.) – 3010
Elson, Robert C.; Allen I. Selverston, Ramon Huerta, Nikolai F. Rulkov, Mikhail I. Rabinovich, and Henry D.I. Abarbanel – Synchronous Behavior of Two Coupled Biological Neurons – 5692
Elster, Ch. (see Abfalterer, W.P.) – 57
Elstner, Norbert (see Singh, Rajiv R.P.) – 4732
Elvira, V.D. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Elwood, John K.; Nikolaos Iriges, and Pierre Ramond – Family Symmetry and Neutrino Mixing – 5064
Ely, R. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Emberly, Eldon; and George Kirczenow – State Orthogonalization by Building a Hilbert Space: A New Approach to Electronic Quantum Transport in Molecular Wires – 5205
Emel'yanov, V.; A. Khodinov, S.R. Klein, and R. Vogt – Spatial Variation of Nuclear Structure Functions and Heavy Quark Production – 1801
Emig, Thorsten; and Thomas Nattermann – Roughening Transition of Interfaces in Disordered Systems – 1469
 ____ **and Thomas Nattermann** – Emig and Nattermann Reply – 5954(C)
Emin, D. (see Aselage, T.L.) – 2316
Emmerichs, Uli (see Woutersen, Sander) – 1106
Emparan, Roberto; and Ivo Sachs – Quantization of AdS_3 Black Holes in External Fields: Semiclassical Results from Pure Gravity – 2408
Emsallem, A. (see Grzywacz, R.) – 766
Enachescu, M.; R.J.A. van den Oetelaar, R.W. Carpick, D.F. Ogletree, C.F.J. Flipse, and M. Salmeron – Atomic Force Microscopy Study of an Ideally Hard Contact: The Diamond(111)/Tungsten Carbide Interface – 1877
Enciso, E.; N.G. Almaraz, M.A. Gonzalez, F.J. Bermejo, R. Fernández-Perea, and F. Bresme – Collective Excitations in Crystals Composed of Disparate Mass Particles – 4432
Endo, M. (see Kiang, C.-H.) – 1869
Endoh, Y. (see Bernhoeft, N.) – 4244
 ____ (see Murakami, Y.) – 582
Engel, A. (see Berg, J.) – 4999
Engel, T. (see Seelig, P.) – 4824
Engelage, J. (see Ahle, L.) – 2650
Engelmann, R. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Engels, E., Jr. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Apanasevich, L.) – 2642
Englert, J.; L. Longa, H. Stark, and H.-R. Trebin – Fluctuations Dominate the Phase Diagram of Chiral Nematic Liquid Crystals – 1457
Engström, L. (see Mannervik, S.) – 313
Eno, S. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Enoki, Toshiaki; Takashi Umeyama, Akira Miyazaki, Hiroyuki Nishikawa, Isao Ikemoto, and Koichi Kikuchi – Novel Metallic State Carrying Localized Spins in the Molecular Conductor $(\text{DMET})_2\text{FeBr}_4$ – 3719
Enosawa, K. (see Aggarwal, M.M.) – 4087
Enqvist, Kari; and John McDonald – Supersymmetric D -Term Inflation and B -Ball Baryogenesis – 3071
Ensher, J.R. (see Hall, D.S.) – 1539
 ____ (see Hall, D.S.) – 4531(E)
 ____ (see Matthews, M.R.) – 243
Ent, R. (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
 ____ (see Spaltro, C.M.) – 2870
Entin-Wohlman, O. (see Mirlin, A.D.) – 1070
Eom, D.J. (see Kim, K.H.) – 4983
Eom, Jonghwa; Chen-Jung Chien, and Venkat Chandrasekhar – Phase Dependent Thermopower in Andreev Interferometers – 437
Epele, L.N.; and E. Roulet – Comment on “On the Origin of the Highest Energy Cosmic Rays” – 3295(C)
Epperlein, Frank (see Vojta, Thomas) – 4212
Eppley, G. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Erb, A. (see D’Anna, G.) – 2530
Erdmann, W. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432

AUTHOR INDEX

- ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Eremin, M. (see Raffa, F.) – 5912
Ergun, R.E.; C.W. Carlson, J.P. McFadden, F.S. Mozer, L. Muschietti, I. Roth, and R.J. Strangeway – Debye-Scale Plasma Structures Associated with Magnetic-Field-Aligned Electric Fields – 826
Ericson, T.E.O.; B. Loiseau, J. Rahm, N. Olsson, J. Blomgren, H. Condé, K. Elmgren, O. Jonsson, L. Nilsson, P.-U. Renberg, A. Ringbom, T. Rönqvist, G. Tibell, and R. Zorro – Ericson *et al.* Reply – 5254(C)
Eriksson, L.-G.; M. Mantsinen, D. Borba, A. Fasoli, R. Heeter, S. Sharapov, D.F.H. Start, J. Carlsson, A. Gondhalekar, T. Hellsten, and A. Korotkov – Evidence for a Wave-Induced Particle Pinch in the Presence of Toroidally Asymmetric ICRF Waves – 1231
Eriksson, Olle (see Fast, Lars) – 2978
Ermí, Brett D.; Giovanni Nisato, Jack F. Douglas, John A. Rogers, and Alamgir Karim – Coupling between Phase Separation and Surface Deformation Modes in Self-Organizing Polymer Blend Films – 3900
Ermolov, P. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Erneux, T. (see Celet, J.C.) – 975
Ernst, D.R.; B. Coppi, S.D. Scott, M. Porkolab, and TFTR Group – Unifying Role of Radial Electric Field Shear in the Confinement Trends of TFTR Supershot Plasmas – 2454
Ernst, J. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Eroles, J. (see Batista, C.D.) – 4027(C)
Eroshin, O.V. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Errede, D. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Alves, G.A.) – 1537(E)
Errede, S. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Errede, W. (see Abe, F.) – 5278
Ershov, A. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Ertl, G. (see Hildebrand, M.) – 2602
 ____ (see Nagl, C.) – 3483
Erukhimovich, Igor Ya. (see Stepanow, Semjon) – 4412
Erwin, R. (see Zheludev, A.) – 5410
Erwin, S.C. (see Laracuenta, A.) – 5177
Erwin, Steven C.; and Hanno H. Weitering – Theory of the “Honeycomb Chain-Channel” Reconstruction of $M/\text{Si}(111)\text{-(}3 \times 1\text{)}$ – 2296
Esbensen, H. (see Davids, B.) – 2209
 ____ (see Rehm, K.E.) – 3341
Eschenburg, V. (see Abe, K.) – 942
Escorcía-Aparicio, Ernesto J.; Hyuk J. Choi, W.L. Ling, R.K. Kawakami, and Z.Q. Qiu – 90° Magnetization Switching in Thin Fe Films Grown on Stepped Cr(001) – 2144
Espinosa, Jose Ramón; and Mariano Quirós – Gauge Unification and the Supersymmetric Light Higgs Mass – 516
Esser, N. (see Shkrebti, A.I.) – 721
Eßler, Fabian H.L. (see Nersesyan, Alexander A.) – 910
Estabrook, K.G. (see Fernández, Juan C.) – 2252
 ____ (see Glenzer, S.H.) – 365
 ____ (see Wharton, K.B.) – 2248
 ____ (see Young, P.E.) – 1425
Estabrook, Kent (see Drake, R.P.) – 2068
Etienne, B. (see Kumar, Rajesh) – 2578
Etoh, M. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Etrillard, J. (see Ollivier, J.) – 3667
Etzion, E. (see Abe, K.) – 942
Eugenio, P. (see Adams, G.S.) – 5760
Euripides, P. (see Jones, I.R.) – 2072
Evans, J.W. (see Bartelt, M.C.) – 1901
 ____ (see Stoldt, C.R.) – 2950
Evans, John R.; and Mark I. Stockman – Turbulence and Spatial Correlation of Currents in Quantum Chaos – 4624
Evans, R.M.L.; D.J. Fairhurst, and W.C.K. Poon – Universal Law of Fractionation for Slightly Polydisperse Systems – 1326
Evans, Robert (see Dijkstra, Marjolein) – 2268
Evans, T.E. (see Whyte, D.G.) – 4392
Evdokimov, V.N. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
EWELL, L. (see Niculescu, G.) – 1805
Ewels, C.P. (see Öberg, S.) – 2930
Eyraud, L. (see Niculescu, G.) – 1805
Eytan, G.; Y. Yayon, M. Rappaport, H. Shtrikman, and I. Bar-Joseph – Near-Field Spectroscopy of a Gated Electron Gas: A Direct Evidence for Electron Localization – 1666
Ezumi, N. (see Ohno, N.) – 818
Faber, S. (see Seelig, P.) – 4824
Fabian, J.; and S. Das Sarma – Spin Relaxation of Conduction Electrons in Polyvalent Metals: Theory and a Realistic Calculation – 5624
Fabrizio, Michele; Massimo Altarelli, and Maurizio Benfatto – Erratum: X-Ray Resonant Scattering as a Direct Probe of Orbital Ordering in Transition-Metal Oxides [Phys. Rev. Lett. **80**, 3400 (1998)] – 4030(E)
 ____ (see von Delft, Jan) – 196
Faccioli, L.; F. Finelli, G.P. Vacca, and G. Venturi – Comment on “Semiquantum Chaos” – 240(C)
Fadeyev, V. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Fadley, C.S. (see Tober, E.D.) – 2360
Fage-Pedersen, Jacob; Arne Nylandsted Larsen, Peter Gaiduk, John Lundsgaard Hansen, and Margareta Linnarsson – Sn-Background-Induced Diffusion Enhancement of Sb in Si – 5856

- Fahey, S.** (see Abe, K.) – 942
- Fahland, T.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Fairhurst, D.J.** (see Evans, R.M.L.) – 1326
- Faivre, J.-Cl.** (see Balestra, F.) – 4572
- Falciai, D.** (see Abe, K.) – 942
- Falepin, A.** (see Roşu, M.F.) – 4680
- Falko, V.I.** (see Leadbeater, M.) – 1274
- Fallon, P.** (see Isaac, M.C. Perillo) – 2416
- Falomkin, I.V.** (see Balestra, F.) – 4572
- Fan, C.** (see Abe, K.) – 942
- Fan, Q.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Fang, Li-Zhi** (see Pando, Jesús) – 4568
- Fang, Z.; K. Terakura, H. Sawada, T. Miyazaki, and I. Solov'yev** – Inverse versus Normal NiAs Structures as High-Pressure Phases of FeO and MnO – 1027
- Fanourakis, G.** (see Apanasevich, L.) – 2642
- Fanton, X.** (see Bertozzi, A.L.) – 5169
- Fantoni, A.** (see Ackerstaff, K.) – 5519
- Farach, H.A.** (see Avignone, F.T., III) – 5068
- Farago, B.** (see Schleger, P.) – 124
- Farhi, Edward; Jeffrey Goldstone, Sam Gutmann, and Michael Sipser** – Limit on the Speed of Quantum Computation in Determining Parity – 5442
- Farizon, B.; M. Farizon, M.J. Gaillard, F. Gobet, M. Carré, J.P. Buchet, P. Scheier, and T.D. Märk** – Experimental Evidence of Critical Behavior in Cluster Fragmentation Using an Event-by-Event Data Analysis – 4108
- Farizon, M.** (see Farizon, B.) – 4108
- Farle, M.** (see Bovensiepen, U.) – 2368
- Fárník, Michal; Ulrich Henne, Björn Samelin, and J. Peter Toennies** – Differences in the Detachment of Electron Bubbles from Superfluid ^4He Droplets versus Nonsuperfluid ^3He Droplets – 3892
- Farrar, Glennys R.; and Peter L. Biermann** – Correlation between Compact Radio Quasars and Ultrahigh Energy Cosmic Rays – 3579
- Farrow, R.F.C.** (see Tober, E.D.) – 1897
- Fasoli, A.; B.N. Breizman, D. Borba, R.F. Heeter, M.S. Pekker, and S.E. Sharapov** – Nonlinear Splitting of Fast Particle Driven Waves in a Plasma: Observation and Theory – 5564
 ____ (see Eriksson, L.-G.) – 1231
- Fast, J.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Fast, Lars; Olle Eriksson, Börje Johansson, J.M. Wills, G. Straub, H. Roeder, and Lars Nordström** – Theoretical Aspects of the Charge Density Wave in Uranium – 2978
- Fatyga, M.K.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Faulkner, J.S.; Yang Wang, and G.M. Stocks** – Core Level Chemical Shifts in Metallic Alloys – 1905
- Faupel, F.** (see Klugkist, P.) – 614
- Fava, L.** (see Balestra, F.) – 4572
- Favre, D.E.; D.J. Schaefer, S.M. Auerbach, and B.F. Chmelka** – Direct Measurement of Intercage Hopping in Strongly Adsorbing Guest-Zeolite Systems – 5852
- Fazely, A.** (see Athanassopoulos, C.) – 1774
- Fazzio, A.** (see Duan, Wenhui) – 3267
- Feagin, J.M.** (see Dörner, R.) – 5776
- Fearing, Harold W.** – Nucleon-Nucleon Bremsstrahlung: An Example of the Impossibility of Measuring Off-Shell Amplitudes – 758
- Featonby, P.D.; G.S. Summy, C.L. Webb, R.M. Godun, M.K. Oberthaler, A.C. Wilson, C.J. Foot, and K. Burnett** – Separated-Path Ramsey Atom Interferometer – 495
- Fechtchenko, A.** (see Ackerstaff, K.) – 5519
- Federspiel, F.J.** (see Athanassopoulos, C.) – 1774
- Feher, S.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Fehrenbach, C.W.** (see Fisher, D.S.) – 1817
- Fehske, H.** (see Wellein, G.) – 3956
- Feibelman, Peter J.** – Interlayer Self-Diffusion on Stepped Pt(111) – 168
- Feld, R.G.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Fein, D.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Feinberg, D.** (see Chakraverty, B.K.) – 433
- Feingold, Mario** (see Dana, Itzhack) – 3124
- Feldman, H.** (see Levin, J.) – 3347
- Felfli, Z.; A.Z. Msezane, and D. Bessis** – Singular Behavior in Electron-Atom Scattering at Small Momentum Transfer – 963
- Felix, J.** (see Reyes, M.A.) – 4079
- Felten, J.J.** (see Krishnan, S.) – 586
- Fendley, P.; and H. Saleur** – Self-Duality in Quantum Impurity Problems – 2518
- Feng, H.** (see Tracht, U.) – 2727
- Feng, S.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Feng, X.G.; S. Zelakiewicz, H. Noh, T.J. Ragucci, T.J. Gramila, L.N. Pfeiffer, and K.W. West** – Negative Electron Drag and Holelike Behavior in the Integer Quantum Hall Regime – 3219
- Feng, Z.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Fenker, H.C.** (see Alves, G.A.) – 1537(E)
- Fenton, Flavio; and Alain Karma** – Fiber-Rotation-Induced Vortex Turbulence in Thick Myocardium – 481
- Ferbel, T.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Apanasevich, L.) – 2642
- Fernandez, A.** (see Aitala, E.M.) – 44
- Fernandez, J.P.** (see Abe, K.) – 942
- Fernández, Juan C.; B.S. Bauer, K.S. Bradley, J.A. Cobble, D.S. Montgomery, R.G. Watt, B. Bezzerides, K.G. Estabrook, R. Focia, S.R. Goldman, D.B. Harris, E.L. Lindman, H.A. Rose, J. Wallace, and B.H. Wilde** – Increased Saturated Levels of Stimulated Brillouin Scattering of a Laser by Seeding a Plasma with an External Light Source – 2252
- Fernandez, Julio M.** (see Rief, Matthias) – 4764
- Fernández-Perea, R.** (see Enciso, E.) – 4432

AUTHOR INDEX

- Fernaudo, Isabel** (see Brú, Antonio) – 4008
- Fero, M. J.** (see Abe, K.) – 942
- Ferré, J.** (see Aign, T.) – 5656
- Ferreira, L. S.** (see Maglione, E.) – 538
- Ferreira, Luiz G.** (see Natalense, Alexandra P. P.) – 3832
- Ferrero, L.** (see Balestra, F.) – 4572
- Ferretti, C.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Ferrón, J.** (see Camarero, J.) – 850
- Ferry, D. K.** (see Akis, R.) – 1745(C)
- Ferstl, M.** (see Ackerstaff, K.) – 5519
- Fertig, C.** (see Prinz, A. A.) – 1175
- Feulner, P.** (see Kassühlke, B.) – 2771
- Feurstein, Markus C.** (see Thurner, Stefan) – 5688
- Fews, P.** (see Hall, T. A.) – 1003
- Ficker, J.** (see Schmitt, S.) – 2446
- Fiedler, K.** (see Ackerstaff, K.) – 5519
- Figueiredo, J. M. A.** (see Losert, W.) – 409
- Filippone, B. W.** (see Ackerstaff, K.) – 5519
- ____ (see Bochna, C.) – 4576
- Filippini, Adriano** (see Bowron, Daniel T.) – 4164
- Filippov, A. E.** (see Vakarin, E. V.) – 3904
- Fimland, B. O.** (see Shkrebtii, A. I.) – 721
- Finckh, E.** (see Armbruster, B.) – 520
- Fineberg, J.** (see Arbell, H.) – 4384
- Finelli, F.** (see Faccioli, L.) – 240(C)
- Fink, J.** (see Neudert, R.) – 657
- Finlay, R. W.** (see Abfalterer, W. P.) – 57
- Finn, J. M.** (see Lourie, R. W.) – 2832(C)
- Finn, M.** (see Niculescu, G.) – 1805
- Finn, P. L.** (see Fradin, Cécile) – 2902
- Finnefrock, A. C.; K. L. Ringland, J. D. Brock, L. J. Buller, and H. D. Abruña** – Nucleation and Ordering of an Electrodeposited Two-Dimensional Crystal: Real-Time X-Ray Scattering and Electronic Measurements – 3459
- Finney, John L.** (see Bowron, Daniel T.) – 4164
- Finnis, M. W.; A. T. Paxton, M. Methfessel, and M. van Schilfgaarde** – Crystal Structures of Zirconia from First Principles and Self-Consistent Tight Binding – 5149
- Finocchiario, G.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Finotello, Daniele** (see Zeng, Huai ren) – 2703
- Fiorentini, Vincenzo; Michael Methfessel, and Matthias Scheffler** – Erratum: Reconstruction Mechanism of fcc Transition Metal (001) Surfaces [Phys. Rev. Lett. **71**, 1051 (1993)] – 2184(E)
- ____ (see Oppo, Sabrina) – 4278(C)
- Fiori, I.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Firth, William J.** (see Skryabin, Dmitry V.) – 3379
- Fisch, N. J.** (see Shvets, G.) – 4879
- Fischer, H.** (see Ackerstaff, K.) – 5519
- Fischer, Henry** (see Celli, Milva) – 5828
- Fischer, M. C.** (see Madison, K. W.) – 5093
- Fischer, Peter** (see Wagh, Apoorva G.) – 1992
- Fisher, D. S.; C. W. Fehrenbach, S. R. Lundeen, E. A. Hessels, and B. D. DePaola** – Energy Transfer in Charge Exchange Collisions between Slow Ions and Rydberg Atoms – 1817
- Fisher, Matthew P. A.** (see Senthil, T.) – 4704
- Fisher, Michael E.** (see Bekiranov, Stefan) – 5836
- Fishman, R. S.** – Helical and Incommensurate Spin-Density Waves in Fe/Cr Multilayers with Interfacial Steps – 4979
- Fishman, S.** (see Iomin, A.) – 1921
- Fisk, H. E.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Fisk, Z.** (see Gavilano, J. L.) – 5648
- ____ (see Harrison, N.) – 870
- ____ (see Suh, B. J.) – 2791
- Fisyak, Y.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Flammang, R. W.** (see Meyer, H. O.) – 3096
- Flanagan, J. W.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Flattum, E.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Flaughter, B.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Flensberg, Karsten** – Coulomb Drag of Luttinger Liquids and Quantum Hall Edges – 184
- Fleury, A.** (see Longour, C.) – 3337
- Flink, Christoph** (see Istratov, Andrei A.) – 1243
- Flipse, C. F. J.** (see Enachescu, M.) – 1877
- Flood, K.** (see Abe, K.) – 942
- Flores, F.** (see Reuter, K.) – 4963
- Florescu, A.** (see Ramayya, A. V.) – 947
- Flytzanis, C.** (see Del Fatti, N.) – 922
- Focia, R.** (see Fernández, Juan C.) – 2252
- Fogler, M. M.; and B. I. Shklovskii** – Erratum: Cyclotron Resonance in a Two-Dimensional Electron Gas with Long-Range Randomness [Phys. Rev. Lett. **80**, 4749 (1998)] – 4783(E)
- Fogliatti, D.** (see Chow, D. S.) – 3984
- Föhlisch, A.; N. Wassdahl, J. Hasselström, O. Karis, D. Menzel, N. Mårtensson, and A. Nilsson** – Beyond the Chemical Shift: Vibrationally Resolved Core-Level Photoelectron Spectra of Adsorbed CO – 1730
- Foias, Ciprian** (see Chen, Shiyi) – 5338
- Foka, P.** (see Aggarwal, M. M.) – 4087
- Fokin, S.** (see Aggarwal, M. M.) – 4087
- Foland, A. D.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Folkers, Mareike** (see Busani, Ram) – 3836
- Fominykh, N. G.** (see Pavlychev, A. A.) – 3623
- Fontes, C. J.** (see Watt, R. G.) – 4644
- Foot, C. J.** (see Featonby, P. D.) – 495
- Foran, B.** (see Gweon, G.-H.) – 886
- Forchel, A.** (see Bayer, M.) – 2582
- Ford, W. T.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823

- _____ (see Bergfeld, T.) – 272
 _____ (see Browder, T.E.) – 1786
Forde, G.E. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
Foreman, Bradley A. – Analytical Envelope-Function Theory of Interface Band Mixing – 425
Forest, T.A. (see Bochna, C.) – 4576
Foret, M.; B. Hehlen, G. Taillades, E. Courtens, R. Vacher, H. Casalta, and B. Dörner – Neutron Brillouin and Umklapp Scattering from Glassy Selenium – 2100
Forgan, E.M. (see Lee, S.L.) – 5209
Forró, L. (see D’Anna, G.) – 2530
 _____ (see Vescoli, V.) – 453
 _____ (see Zwick, F.) – 1058
Forró, László (see Bonard, Jean-Marc) – 1441
Forsman, A. (see Ng, A.) – 2914
Förster, Stephan (see Ahrens, Heiko) – 4172
Fortagh, J.; A. Grossmann, C. Zimmermann, and T.W. Hänsch – Miniaturized Wire Trap for Neutral Atoms – 5310
Fortgang, C. (see Hogan, M.J.) – 4867
Fortgang, C.M. (see Nguyen, D.C.) – 810
Fortmann, C.M. – Random Phononic Structure and Indirect Optical Transitions: An Explanation for the Hydrogen Dependence of the Amorphous Silicon Band Gap? – 3683
Fortmeier, P. (see Holyst, Robert) – 5848
Fortner, M. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
Fortune, H.T. (see Bochna, C.) – 4576
Fortune, T. (see Niculescu, G.) – 1805
Foryciarz, J. (see Balestra, F.) – 4572
Foster, G.W. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Fournier, P.; P. Mohanty, E. Mäiser, S. Darzens, T. Venkatesan, C.J. Lobb, G. Czjzek, R.A. Webb, and R.L. Greene – Insulator-Metal Crossover near Optimal Doping in $\text{Pr}_{2-x}\text{Ce}_x\text{CuO}_4$: Anomalous Normal-State Low Temperature Resistivity – 4720
Fowler, P.W. (see Kietzmann, H.) – 5378
Fox, B. (see Ackerstaff, K.) – 5519
Frabboni, Stefano; and Francesca Gambetta – Static Disorder Depth Profile in Ion Implanted Materials by Means of Large Angle Convergent Beam Electron Diffraction – 3155
Fradin, Cécile; P.L. Finn, Helmut R. Brand, and P.E. Cladis – Wavelength Doubling Cascade to Möbius Defect Turbulence in a 3D Anisotropic Liquid – 2902
Frahm, Holger; Markus P. Pfannmüller, and A.M. Tsvetlik – Doping of a Spin-1 Chain: An Integrable Model – 2116
Frame, K.C. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
Franchoo, S.; M. Huyse, K. Kruglov, Y. Kudryavtsev, W.F. Mueller, R. Raabe, I. Reusen, P. Van Duppen, J. Van Roosbroeck, L. Vermeeren, A. Wöhr, K.-L. Kratz, B. Pfeiffer, and W.B. Walters – Beta Decay of $^{68-74}\text{Ni}$ and Level Structure of Neutron-Rich Cu Isotopes – 3100
Frank, A. (see Mathieu, C.) – 3968
Frankfurt, L. (see Gerland, L.) – 762
Frankland, L. (see Longour, C.) – 3337
Franklin, M. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Franz, J. (see Ackerstaff, K.) – 5519
Franz, Silvio; Marc Mézard, Giorgio Parisi, and Luca Peliti – Measuring Equilibrium Properties in Aging Systems – 1758
Franzke, B. (see Seelig, P.) – 4824
Frascaria, R. (see Ajaka, J.) – 1797
Frassanito, R. (see Nideröst, M.) – 3231
Frattini, S.; A. Bracco, S. Leoni, P. Bosetti, B. Herskind, T. Døssing, M. Bergström, G.B. Hagemann, H. Ryde, J.P. Vivien, A. Bagshaw, D. Smalley, and A.G. Smith – Rotational Quadrupole Moment of Thermally Excited High Spin States in ^{164}Yb – 2659
Frauenheim, Th. (see Uhlmann, S.) – 641
Fredrickson, Glenn H. (see Koneripalli, Nagraj) – 1861
Freeland, R.S. (see Courteille, Ph.) – 69
Freeman, E.J. (see de Andrade, M.C.) – 5620
Freeman, J. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Freimuth, A. (see Wasser, S.) – 898
Frenkel, Daan (see Doye, Jonathan P.K.) – 2160
 _____ (see Rein ten Wolde, Pieter) – 3695
Freund, H.-J. (see Tass, P.) – 3291
Frey, E. (see Hinner, B.) – 2614
Frey, Erwin (see Levine, Alex) – 5944
Frey, R. (see Abe, K.) – 942
Fried, Dale G.; Thomas C. Killian, Lorenz Willmann, David Landhuis, Stephen C. Moss, Daniel Kleppner, and Thomas J. Greytak – Bose-Einstein Condensation of Atomic Hydrogen – 3811
 _____ (see Killian, Thomas C.) – 3807
Friedland, L.; and A.G. Shagalov – Excitation of Solitons by Adiabatic Multiresonant Forcing – 4357
Friedman, J. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Friedman, Lawrence H.; and D.C. Chrzan – Scaling Theory of the Hall-Petch Relation for Multilayers – 2715
Friedrich, Inés (see Ye, Gao-Xiang) – 622
Friehe, Carl (see Hristov, Tihomir) – 5245
Frigo, S.P. (see Martin, N.L.S.) – 1199
Frigola, P. (see Hogan, M.J.) – 4867
 _____ (see Tremaine, A.) – 5816
Frisch, H. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748

AUTHOR INDEX

- ____ (see Abe, F.) – 5754
- Fritzsche, V.** (see Lizzit, S.) – 3271
- Fröhlich, D.; St. Leute, V.V. Pavlov, and R.V. Pisarev** – Nonlinear Optical Spectroscopy of the Two-Order-Parameter Compound YMnO_3 – 3239
- Fröhlich, Jürg** (see Alekseev, Anton Yu.) – 3503
- Fröjdh, Per** (see Lauritsen, Kent Bækgaard) – 2104
- Frolov, V.** (see Aggarwal, M.M.) – 4087
- ____ (see Balestra, F.) – 4572
- ____ (see Niculescu, G.) – 1805
- Frolov, V.L.; L.M. Ekukhimov, L.M. Kagan, G.P. Komrakov, E.N. Sergeev, and P. Stubbe** – Two-Component Nature of the Broad Up-shifted Maximum in Stimulated Electromagnetic Emission Spectra – 1630
- Frolov, V.V.** (see Bochna, C.) – 4576
- Fromherz, Peter** (see Braun, Dieter) – 5241
- Frommhold, Lothar** (see Celli, Milva) – 5828
- Frullani, S.** (see Ackerstaff, K.) – 5519
- ____ (see Niculescu, G.) – 1805
- ____ (see Onderwater, C.J.G.) – 2213
- ____ (see Spaltro, C.M.) – 2870
- Ftacnik, J.** (see Apanasevich, L.) – 2642
- Fuchs, Ch.; and H.J. Hartfuss** – Cotton-Mouton Effect Measurement in a Plasma at the W7-AS Stellarator – 1626
- Fuchs, D.T.; R.A. Doyle, E. Zeldov, S.F.W.R. Rycroft, T. Tamegai, S. Ooi, M.L. Rappaport, and Y. Myasoedov** – Transport Properties of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_8$ Crystals with and without Surface Barriers – 3944
- Fuchs, J.; G. Malka, J.C. Adam, F. Amiranoff, S.D. Baton, N. Blanchot, A. Héron, G. Laval, J.L. Miquel, P. Mora, H. Pépin, and C. Rousseaux** – Fuchs *et al.* Reply – 4275(C)
- Fuess, S.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Fujii, Y.** (see Orihara, H.) – 3607
- Fujimori, A.** (see Ino, A.) – 2124
- ____ (see Mizokawa, T.) – 2183(C)
- ____ (see Nakajima, N.) – 5229
- Fujimori, H.** (see Mitani, S.) – 2799
- Fujino, D.** (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Fujisawa, A.; H. Iguchi, H. Idei, S. Kubo, K. Matsuoka, S. Okamura, K. Tanaka, T. Minami, S. Ohdachi, S. Morita, H. Zushi, S. Lee, M. Osakabe, R. Akiyama, Y. Yoshimura, K. Toi, H. Sanuki, K. Itoh, A. Shimizu, S. Takagi, A. Ejiri, C. Takahashi, M. Kojima, S. Hidekuma, K. Ida, S. Nishimura, M. Isobe, N. Inoue, R. Sakamoto, S.-I. Itoh, Y. Hamada, and M. Fujiwara** – Discovery of Electric Pulsation in a Toroidal Helical Plasma – 2256
- Fujita, K.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Hatakeyama, S.) – 2016
- ____ (see Shiozawa, M.) – 3319
- Fujiwara, M.** (see Fujisawa, A.) – 2256
- Fukawa, M.** (see Odaka, S.) – 2428
- Fukuda, Y. *et al.*** – Measurements of the Solar Neutrino Flux from Super-Kamiokande’s First 300 Days – 1158
- ____ *et al.* (Super-Kamiokande Collaboration) – Evidence for Oscillation of Atmospheric Neutrinos – 1562
- ____ *et al.* – Erratum: Measurements of the Solar Neutrino Flux from Super-Kamiokande’s First 300 Days [Phys. Rev. Lett. **81**, 1158 (1998)] – 4279(E)
- ____ (see Hatakeyama, S.) – 2016
- ____ (see Shiozawa, M.) – 3319
- Fukugita, M.** (see Aoki, S.) – 1778
- Fukui, Y.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Fukuma, H.** (see Huang, J.Y.) – 4388
- Fukushima, Y.** (see Odaka, S.) – 2428
- Fukutani, H.** (see Nakajima, N.) – 5229
- Fukuto, M.; R.K. Heilmann, P.S. Pershan, J.A. Griffiths, S.M. Yu, and D.A. Tirrell** – X-Ray Measurements of Noncapillary Spatial Fluctuations from a Liquid Surface – 3455
- Fuller, George M.** (see Shi, Xiangdong) – 5722
- Fung, K.K.** (see Zhang, Z.Q.) – 5540
- Fung, S.-Y.** (see Ahle, L.) – 2650
- Funk, M.-A.** (see Ackerstaff, K.) – 5519
- Furdyna, J.K.** (see Lee, S.) – 3479
- Furenlid, L.** (see Mach, P.) – 1015
- Furget, C.** (see Niculescu, G.) – 1805
- Furno, I.** (see Hofmann, F.) – 2918
- Furukawa, Nobuo; T.M. Rice, and Manfred Salmhofer** – Truncation of a Two-Dimensional Fermi Surface due to Quasiparticle Gap Formation at the Saddle Points – 3195
- Futagami, T.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Fytas, G.** (see Beiner, M.) – 594
- Gaarde, M.B.** (see Bellini, M.) – 297
- Gacougnolle, R.** (see Tatischeff, B.) – 1347(C)
- Gadomski, S.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Gaeta, Alexander L.** (see Wielandy, S.) – 3359
- Gaggiotti, Andrea** (see Mendoza, Bernardo S.) – 3781
- Gagliardi, S.** (see Calvani, P.) – 4504
- Gagnon, P.** (see Aitala, E.M.) – 44
- Gagunashvili, N.D.** (see Ackerstaff, K.) – 5519
- Gaidarev, P.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Gaiduk, Peter** (see Fage-Pedersen, Jacob) – 5856
- Gaifullin, M.B.; Y. Matsuda, and L.N. Bulaevskii** – Comment on “Has a Josephson-Plasma Mode Been Observed in Layered Superconductors?” – 3551(C)
- Gaillard, M.J.** (see Farizon, B.) – 4108
- Gaillard, R.** (see Borghesi, M.) – 112
- Gaite, José** – Relative Entropy in 2D Quantum Field Theory, Finite-Size Corrections, and Irreversibility of the Renormalization Group – 3587
- Gajdardziska-Josifovska, Marija** (see Plass, Richard) – 4891
- Gajewski, D.A.** (see de Andrade, M.C.) – 5620
- Gajewski, W.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)

- _____ (see Shiozawa, M.) – 3319
Gakhovich, D.E. (see Grabtchikov, A.S.) – 5808
Gale, C. (see Li, G.Q.) – 1572
Galeotti, S. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Galik, R.S. (see Alam, M.S.) – 3328
Gallagher, W.J. (see Koch, R.H.) – 4512
Gallani, J.L. (see Martinoty, P.) – 144
Gallas, E. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
Gallego, J.M. (see Camarero, J.) – 850
Gallinaro, M. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Galvão, R.M.O. (see Tsy-pin, V.S.) – 3403
Galyaev, A.N. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
Gambetta, Francesca (see Frabboni, Stefano) – 3155
Gammon, D. (see Bonadeo, N.H.) – 2759
Gammon, R.W. (see Li, W.B.) – 5580
Gammon, W.J. (see Mishra, S.R.) – 1306
Gan, K.K. (see Alam, M.S.) – 3328
 _____ (see Anderson, S.) – 3823
 _____ (see Bergfeld, T.) – 272
 _____ (see Browder, T.E.) – 1786
GANDS95 Collaboration (see Ramayya, A.V.) – 947
Ganel, O. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Ganesan, Venkat; and Howard Brenner – Dynamics of Two-Phase Fluid Interfaces in Random Porous Media – 578
Ganezer, K.S. (see Fukuda, Y.) – 1158
 _____ (see Fukuda, Y.) – 1562
 _____ (see Fukuda, Y.) – 4279(E)
 _____ (see Shiozawa, M.) – 3319
Ganteför, G. (see Kietzmann, H.) – 5378
Ganter, Carl (see Schirmacher, Walter) – 136
Ganti, M.S. (see Aggarwal, M.M.) – 4087
Gao, C.S. (see Bai, J.Z.) – 1179
 _____ (see Bai, J.Z.) – 3091
 _____ (see Bai, J.Z.) – 5080
Gao, H. (see Ackerstaff, K.) – 5519
 _____ (see Bochna, C.) – 4576
Gao, J.; F. Shen, and J.G. Eden – Quantum Electrodynamics Treatment of Harmonic Generation in Intense Optical Fields – 1833
Gao, Jihua (see Xiao, Jinghua) – 5552
Gao, M.L. (see Bai, J.Z.) – 1179
 _____ (see Bai, J.Z.) – 3091
 _____ (see Bai, J.Z.) – 5080
Gao, S.Q. (see Bai, J.Z.) – 1179
 _____ (see Bai, J.Z.) – 3091
 _____ (see Bai, J.Z.) – 5080
Gao, Y.S. (see Alam, M.S.) – 3328
 _____ (see Anderson, S.) – 3823
 _____ (see Bergfeld, T.) – 272
 _____ (see Browder, T.E.) – 1786
Gaponenko, S.V. (see Petrov, E.P.) – 77
Gara, A. (see Reyes, M.A.) – 4079
Gärber, Y. (see Ackerstaff, K.) – 5519
Garcés Narro, J. (see Longour, C.) – 3337
García de Polavieja, Gonzalo – Noncyclic Geometric Phase Shift for Quantal Revivals – 1
García, E. (see Ahle, L.) – 2650
García-Colín, L.S. (see Uribe, F.J.) – 2044
García-Fernández, P. (see Cabrillo, C.) – 4361
García-Martín, A.; T. López-Ciudad, J.J. Sáenz, and M. Nieto-Vesperinas – Statistical Distribution of Intensities Reflected from Disordered Media – 329
García-Sciveres, M. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
García-Vidal, F.J. (see López-Rios, T.) – 665
 _____ (see Reuter, K.) – 4963
Gardel, M.L. (see Vandenbosch, R.) – 1821
Gardiner, C.W.; M.D. Lee, R.J. Ballagh, M.J. Davis, and P. Zoller – Quantum Kinetic Theory of Condensate Growth: Comparison of Experiment and Theory – 5266
 _____ (see Jaksch, D.) – 3108
Garellick, D. (see Apanasevich, L.) – 2642
Garfagnini, R. (see Balestra, F.) – 4572
Garfinkel, A.F. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Garg, Ajay; Jie Han, and Susan B. Sinnott – Interactions of Carbon-Nanotubule Proximal Probe Tips with Diamond and Graphene – 2260
Garg, Anupam – Lattice Distortion Mediated Paramagnetic Relaxation in High-Spin High-Symmetry Molecular Magnets – 1513
Garibaldi, F. (see Ackerstaff, K.) – 5519
 _____ (see Niculescu, G.) – 1805
 _____ (see Onderwater, C.J.G.) – 2213
 _____ (see Spaltro, C.M.) – 2870
Garnier, M.; D. Purdie, K. Breuer, M. Hengsberger, Y. Baer, and B. Delley – Garnier *et al.* Reply – 1349(C)
Garpman, S. (see Aggarwal, M.M.) – 4087
Garrido, P.L. (see Marro, J.) – 2827
Garrigus, D.F. (see Wei, J.Y.T.) – 2542
Gartung, P. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
Garvey, G.T. (see Athanassopoulos, C.) – 1774
Garwin, E.L. (see Back, C.H.) – 3251

AUTHOR INDEX

- Garzón, I.L.; K. Michaelian, M.R. Beltrán, A. Posada-Amarillas, P. Ordejón, E. Artacho, D. Sánchez-Portal, and J.M. Soler** – Lowest Energy Structures of Gold Nanoclusters – 1600
- Gaskell, D.** (see Niculescu, G.) – 1805
- Gatteschi, D.** (see Lascialfari, A.) – 3773
- Gatteschi, Dante** (see Caciuffo, Roberto) – 4744
- Gattone, A.O.** (see Avignone, F.T., III) – 5068
- Gaub, Hermann E.** (see Rief, Matthias) – 4764
- Gauck, H.; M. Hartl, D. Schneble, H. Schnitzler, T. Pfau, and J. Mlynek** – Quasi-2D Gas of Laser Cooled Atoms in a Planar Matter Waveguide – 5298
- Gautier, J.** (see Derycke, V.) – 5868
- Gavilano, J.L.; B. Ambrosini, P. Vonlanthen, H.R. Ott, D.P. Young, and Z. Fisk** – Low-Temperature Nuclear Magnetic Resonance Studies of EuB_6 – 5648
- ____ (see Dolinšek, J.) – 3671
- Gavrilov, G.** (see Ackerstaff, K.) – 5519
- Gavrilov, V.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Gavrishchuk, O.** (see Aggarwal, M.M.) – 4087
- Gawlik, K.-U.; L. Kipp, M. Skibowski, N. Orłowski, and R. Manzke** – Gawlik *et al.* Reply – 1536(C)
- Gay, C.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- ____ (see Alves, G.A.) – 1537(E)
- Gay, T.J.** (see Batelaan, H.) – 4773(C)
- Gayral, B.** (see Gérard, J.M.) – 1110
- Geballe, T.H.** (see Kostic, P.) – 2498
- Geer, S.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Geesaman, D.F.** (see Bochna, C.) – 4576
- ____ (see Niculescu, G.) – 1805
- Gefen, Yuval** (see König, Jürgen) – 4468
- Gegenwart, P.; C. Langhammer, C. Geibel, R. Helfrich, M. Lang, G. Sparn, F. Steglich, R. Horn, L. Donnevert, A. Link, and W. Assmus** – Breakup of Heavy Fermions on the Brink of “Phase A” in CeCu_2Si_2 – 1501
- Gehring, R.** (see Bock, A.) – 534
- Gehrke, Mark F.** (see Piech, Garrett A.) – 309
- Geibel, C.** (see Gegenwart, P.) – 1501
- ____ (see Winkelmann, H.) – 4947
- Geiger, P.** (see Ackerstaff, K.) – 5519
- Geist, W.H.** (see Veal, K.D.) – 1187
- Geld, T.L.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Gelletly, W.** (see Longour, C.) – 3337
- Gemmeke, H.** (see Armbruster, B.) – 520
- Gemmell, D.S.** (see Jung, M.) – 1596
- Genik, R.J., II** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Genser, K.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- George, J.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- George, J.S.** (see Fukuda, Y.) – 1562
- Georgot, B.; and D.L. Shepelyansky** – Integrability and Quantum Chaos in Spin Glass Shards – 5129
- Gérard, J.M.; B. Sermage, B. Gayral, B. Legrand, E. Costard, and V. Thierry-Mieg** – Enhanced Spontaneous Emission by Quantum Boxes in a Monolithic Optical Microcavity – 1110
- Gerber, C.E.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Gerchikov, Leonid G.; Peotr V. Efimov, Valerii M. Mikoushkin, and Andrey V. Solov'yov** – Diffraction of Fast Electrons on the Fullerene C_{60} Molecule – 2707
- Gerdes, D.W.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Gerlach, M.** (see Seelig, P.) – 4824
- Gerland, L.; L. Frankfurt, M. Strikman, H. Stöcker, and W. Greiner** – J/Ψ Production, χ Polarization, and Color Fluctuations – 762
- ____ (see Bass, S.A.) – 4092
- Gerry, C.C.** (see Steinbach, J.) – 5528
- Gershenson, M.E.** (see Khavin, Yu.B.) – 1066
- Gershtein, Y.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Gervais, B.** (see Dempsey, N.M.) – 5652
- Gervais, G.** (see Navin, A.) – 5089
- Gervino, G.** (see Ajaka, J.) – 1797
- Gerzon, S.** (see Aitala, E.M.) – 44
- Geshkenbein, Vadim B.** (see Wagner, Orlando S.) – 906
- Getzlaff, M.** (see Bode, M.) – 4256
- Geurts, F.J.M.** (see Aggarwal, M.M.) – 4087
- Geurts, W.J.W.** (see Onderwater, C.J.G.) – 2213
- Gharibyan, V.** (see Ackerstaff, K.) – 5519
- Gheri, Klaus M.** (see Grangier, Philippe) – 2833(C)
- Ghidini, M.** (see Dempsey, N.M.) – 5652
- Ghio, F.** (see Ajaka, J.) – 1797
- Ghosal, Amit; Mohit Randeria, and Nandini Trivedi** – Role of Spatial Amplitude Fluctuations in Highly Disordered s -Wave Superconductors – 3940
- Ghosez, Ph.** (see Parlinski, K.) – 3297(C)
- Ghosh, J.** (see Chattopadhyay, P.K.) – 3151
- Ghosh, K.; C. J. Lobb, R.L. Greene, S.G. Karabashev, D.A. Shulyatev, A.A. Arsenov, and Y. Mukovskii** – Critical Phenomena in the Double-Exchange Ferromagnet $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ – 4740
- Ghosh, Pijush K.** (see Date, G.) – 3051
- Ghosh, Sanjoy** (see Matthaeus, W.H.) – 2056
- Ghosh, T.K.** (see Aggarwal, M.M.) – 4087
- Giannetti, P.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Giansiracusa, G.** (see Song, H.Q.) – 1584

- Giaquinta, Antonino** (see Hegger, Rainer) – 558
- Gibbard, B.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Gibble, K.** (see Kokkelmans, S.J.J.M.F.) – 951
- Gibble, Kurt** (see Legere, Ronald) – 5780
- Gibbons, L.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Gibbs, D.** (see Murakami, Y.) – 582
- Gibson, G.N.; G. Dunne, and K.J. Bergquist** – Tunneling Ionization Rates from Arbitrary Potential Wells – 2663
- Gibson, J.M.** (see Chen, Xidong) – 4919
- Gierak, J.** (see Aign, T.) – 5656
- Giessen, H.; A. Knorr, S. Haas, S.W. Koch, S. Linden, J. Kuhl, M. Hetterich, M. Grün, and C. Klingshirn** – Self-Induced Transmission on a Free Exciton Resonance in a Semiconductor – 4260
- Gigosos, M.** (see Godbert-Mouret, L.) – 5568
- Gill, D.** (see Balestra, F.) – 4572
- Gillan, Michael J.** (see Alfè, Dario) – 5161
- Gille, Sarah T.** (see Smith, Stefan G.Llewellyn) – 5249
- Gilligan, J.M.** (see Wang, W.) – 4224
 ____ (see Yao, Y.) – 550
- Gillman, T.** (see Abe, K.) – 942
- Gilman, R.** (see Bochna, C.) – 4576
- Ginther, G.** (see Apanasevich, L.) – 2642
- Giokaris, N.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Giona, M.; and A. Adrover** – Nonuniform Stationary Measure of the Invariant Unstable Foliation in Hamiltonian and Fluid Mixing Systems – 3864
 ____ (see Alvarez, M.M.) – 3395
- Giordano, Livia; Jacek Goniakowski, and Jean Suzanne** – Partial Dissociation of Water Molecules in the (3×2) Water Monolayer Deposited on the MgO (100) Surface – 1271
- Giordjian, V.** (see Ackerstaff, K.) – 5519
- Giovinazzo, J.** (see Longour, C.) – 3337
- Girard, P.** (see Ajaka, J.) – 1797
- Girdwood, S.E.** (see Avanci, L.H.) – 5426
- Girolami, B.** (see Ajaka, J.) – 1797
- Giromini, P.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Gisin, N.** (see Tittel, W.) – 3563
- Gittelman, B.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Giudici, M.** (see Vaschenko, G.) – 5536
- Giusti, C.** (see Onderwater, C.J.G.) – 2213
- Giusti, G.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Gladding, G.** (see Abe, K.) – 942
- Gladding, G.E.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Glasmacher, T.** (see Navin, A.) – 5089
- Glasow, R.** (see Aggarwal, M.M.) – 4087
- Glasser, B.J.; S. Sundaresan, and I.G. Kevrekidis** – From Bubbles to Clusters in Fluidized Beds – 1849
- Glaubman, M.** (see Apanasevich, L.) – 2642
- Glazman, L.I.** (see Kaminski, A.) – 685
 ____ (see Matveev, K.A.) – 3739
- Glebov, A.L.** (see Bertino, M.F.) – 5608
- Gleim, Tobias; Walter Kob, and Kurt Binder** – How Does the Relaxation of a Supercooled Liquid Depend on Its Microscopic Dynamics? – 4404
- Gleiser, Marcelo; and Ronald Roberts** – Gravitational Waves from Collapsing Vacuum Domains – 5497
- Glendenning, Norman K.** – Glendenning Replies – 1984(C)
 – Comment on “Kaon Production in Heavy-Ion Collisions and Maximum Mass of Neutron Stars” – 2176(C)
 ____ and Jürgen Schaffner-Bielich – Kaon Condensation and Dynamical Nucleons in Neutron Stars – 4564
- Glendinning, S.G.** (see Drake, R.P.) – 2068
- Glenn, S.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Glenzer, S.H.; F.B. Rosmej, R.W. Lee, C.A. Back, K.G. Estabrook, B.J. MacGowan, T.D. Shepard, and R.E. Turner** – Measurements of Suprathermal Electrons in Hohlraum Plasmas with X-Ray Spectroscopy – 365
 ____ (see Wharton, K.B.) – 2248
- Glinka, C.J.** (see Agamalian, M.) – 602
- Glöckle, W.** (see Abfalterer, W.P.) – 57
 ____ (see Spaltro, C.M.) – 2870
 ____ (see Witala, H.) – 1183
- Glogarova, M.** (see Gorecka, E.) – 2946
- Glogowski, M.** (see Grzywacz, R.) – 766
- Glorieux, P.** (see Celet, J.C.) – 975
- Glover, E.W.N.** (see Campbell, J.M.) – 1568
- Gobbi, B.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Gobby, P.** (see Murphy, T.J.) – 108
- Gobby, P.L.** (see Watt, R.G.) – 4644
- Gobel, C.** (see Aitala, E.M.) – 44
 ____ (see Bediaga, I.) – 4067
- Göbel, E.O.** (see Bastian, G.) – 1686
- Gobet, F.** (see Farizon, B.) – 4108
- Godang, R.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Godbert-Mouret, L.; T. Meftah, A. Calisti, R. Stamm, B. Talin, M. Gigosos, V. Cardenoso, S. Alexiou, R.W. Lee, and L. Klein** – Accuracy of Stark Broadening Calculations for Ionic Emitters – 5568
- Godijn, S.F.** (see Möller, S.) – 5197

AUTHOR INDEX

- Godlevsky, Vitaliy V.; Jeffrey J. Derby, and James R. Chelikowsky** – *Ab Initio* Molecular Dynamics Simulation of Liquid CdTe and GaAs: Semiconducting versus Metallic Behavior – 4959
- Godun, R.M.** (see Featonby, P.D.) – 495
- Godyak, Valery A.; and Vladimir I. Kolobov** – Effect of Collisionless Heating on Electron Energy Distribution in an Inductively Coupled Plasma – 369
- Goedecker, S.; and C.J. Umrigar** – Natural Orbital Functional for the Many-Electron Problem – 866
- Goedkoop, J.B.** (see Tjeng, L.H.) – 734(C)
- Goedtkindt, P.** (see de Vries, S.A.) – 381
- Goertz, S.** (see Bock, A.) – 534
- Goglio, G.** (see Chauvet, O.) – 1102
- Gogolin, Alexander O.** (see Nersisyan, Alexander A.) – 910
- Gökçedağ, M.** (see Patel, S.R.) – 5900
- Gokirmak, Ali** (see Wu, Dong Ho) – 2890
- Golak, J.** (see Abfalterer, W.P.) – 57
 ____ (see Spaltro, C.M.) – 2870
 ____ (see Witala, H.) – 1183
- Gold, M.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Goldbart, Paul M.** (see Lyanda-Geller, Yuli) – 3215
- Goldberg, M.** (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Goldberger, Ary L.** (see Amaral, Luís A. Nunes) – 2388
- Golden, M.S.** (see Neudert, R.) – 657
- Golden, R.** (see Matsunaga, H.) – 4052
- Goldhaber, Alfred Scharff** (see Baltz, Anthony J.) – 5730
- Goldhaber, M.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Goldhaber, Maurice** (see Baltz, Anthony J.) – 5730
- Goldhaber-Gordon, D.; J. Göres, M.A. Kastner, Hadas Shtrikman, D. Mahalu, and U. Meirav** – From the Kondo Regime to the Mixed-Valence Regime in a Single-Electron Transistor – 5225
- Goldhirsch, I.** (see Tan, M.-L.) – 3022
- Goldin, Y.; and Y. Avishai** – Nonlinear Response of a Kondo System: Direct and Alternating Tunneling Currents – 5394
- Goldman, A.M.** (see Marković, N.) – 701
 ____ (see Marković, N.) – 5217
- Goldman, D.** (see de Bruyn, John R.) – 1421
- Goldman, I.D.** (see Isaac, M.C. Perillo) – 2416
- Goldman, S.R.** (see Fernández, Juan C.) – 2252
- Goldoni, A.; and S. Modesti** – Erratum: Strong Correlation Effects in the (3×3) Charge Density Wave Phase of Sn/Ge(111) [Phys. Rev. Lett. **79**, 3266 (1997)] – 3553(E)
- Goldreich, Yair** (see Koscielny-Bunde, Eva) – 729
- Goldschmidt, A.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Goldschmidt, Yadin Y.** – Comment on “Multicritical Behavior in Coupled Directed Percolation Processes” – 2178(C)
- Goldstein, J.C.** (see Nguyen, D.C.) – 810
- Goldstein, Raymond E.; and Alan T. Dorsey** – Goldstein and Dorsey Reply – 5036(C)
- Goldstone, Jeffrey** (see Farhi, Edward) – 5442
- Golendukhin, A.** (see Ackerstaff, K.) – 5519
- Gollin, G.D.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Goltsov, A.** (see Korobkin, D.) – 1607
- Golubev, Dmitrii S.; and Andrei D. Zaikin** – Quantum Decoherence in Disordered Mesoscopic Systems – 1074
- Golubović, Leonardo; Dorel Moldovan, and Anatoli Peredera** – Dynamics of the Euler Buckling Instability – 3387
 ____ and **Mirjana Golubović** – Erratum: Fluctuations of Quasi-Two-Dimensional Smectics Intercalated between Membranes in Multilamellar Phases of DNA-Cationic Lipid Complexes [Phys. Rev. Lett. **80**, 4341 (1998)] – 5704(E)
- Golubović, Mirjana** (see Golubović, Leonardo) – 5704(E)
- Gómez, B.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Gómez, G.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Gómez, L.** (see Camarero, J.) – 850
- Gomila, G.** (see Vilar, J.M.G.) – 14
- Gomis, Joaquim** (see Brandt, Friedemann) – 1770
- Gompf, B.** (see Pecha, R.) – 717
- Gompper, G.; and D.M. Kroll** – Membranes with Fluctuating Topology: Monte Carlo Simulations – 2284
- Goncharov, P.I.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Goncharov, V.N.** (see Smalyuk, V.A.) – 5342
- Gondhalekar, A.** (see Eriksson, L.-G.) – 1231
- Gong, Chang-De** (see Yin, Wei-Guo) – 2534
- Goniakowski, Jacek** (see Giordano, Livio) – 1271
- Gonnella, G.** (see Corberi, F.) – 3852
- Gonzalez, M.A.** (see Enciso, E.) – 4432
- Gonzalez, S.** (see Abe, K.) – 942
- González Solís, J.L.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Gonze, X.** (see Parlinski, K.) – 3297(C)
- Good, T.N.** (see Skiff, F.) – 5820
- Goodman, J.A.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Goodman, K.W.** (see Mishra, S.R.) – 1306
- Goodrich, R.G.** (see Harrison, N.) – 870
- Göppert, Georg; Hermann Grabert, Nikolai V. Prokof'ev, and Boris V. Svistunov** – Effect of Tunneling Conductance on the Coulomb Staircase – 2324
- Gorban, Alexander N.** (see Karlin, Iliya V.) – 6
- Gordon, A.; M.A. Itskovsky, I.D. Vagner, and P. Wyder** – Order Parameter for a Diamagnetic Phase Transition – 2787
 ____ (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Gordon, D.** (see Clayton, C.E.) – 100
- Gordon, H.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Gordon, I.** (see Wagner, P.) – 3980
- Gordon, V.D.** (see Yao, Y.) – 550
- Gorecka, E.; D. Pocięcha, M. Glogarova, and J. Mieczkowski** – Observation of a Frustrated Phase in Mixtures of Ferroelectric and Antiferroelectric Liquid Crystals – 2946

- Gorelik, L. Y.; N.I. Lundin, V.S. Shumeiko, R.I. Shekhter, and M. Jonson** – Superconducting Single-Mode Contact as a Microwave-Activated Quantum Interferometer – 2538
- Göres, J.** (see Goldhaber-Gordon, D.) – 5225
- Gornik, E.** (see Rauch, C.) – 3495
- Gornov, M.G.; Yu. Gurov, S. Lapushkin, P. Morokhov, V. Pechkurov, T.K. Pedlar, Kamal K. Seth, J. Wise, and D. Zhao** – Excited States of ^{11}Li – 4325
- Gorny, K.R.; O.M. Vyaselev, S. Yu, C.H. Pennington, W.L. Hults, and J.L. Smith** – Measurement of Indirect Nuclear Spin-Spin Coupling Frequencies in $\text{YBa}_2\text{Cu}_3\text{O}_7$ – 2340
- Gorre-Talini, L.** (see Navailles, L.) – 4168
- Goshaw, A.T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Goss, L.T.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Gossard, A.C.** (see Cho, H.) – 2522
- ____ (see Huibers, A.G.) – 200
- Gossiaux, P.-B.** (see Danielewicz, P.) – 2438
- Goto, J.** (see Nagata, T.) – 1090
- Gotoh, Y.** (see Kawanowa, H.) – 2264
- Gotra, Y.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Gottlieb, Steven** (see Bernard, C.) – 4812
- ____ (see Bernard, Claude) – 3087
- Gottschalk, E.** (see Reyes, M.A.) – 4079
- Gould, C.M.** (see Hahn, Inseob) – 618
- Gouliaev, Nikolai; and John F. Nagle** – Simulations of Interacting Membranes in the Soft Confinement Regime – 2610
- Goulianios, K.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Gounder, K.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- ____ (see Aitala, E.M.) – 44
- Gousset, T.** (see Diehl, M.) – 1782
- Goussiou, A.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Govaert, K.** (see Navin, A.) – 5089
- Goy, P.** (see Ardavan, A.) – 713
- Goychuk, Igor; Milena Grifoni, and Peter Hänggi** – Nonadiabatic Quantum Brownian Rectifiers – 649
- ____ **Milena Grifoni, and Peter Hänggi** – Erratum: Nonadiabatic Quantum Brownian Rectifiers [Phys. Rev. Lett. **81**, 649 (1998)] – 2837(E)
- Grabert, Hermann** (see Göppert, Georg) – 2324
- Grabtchikov, A.S.; D.E. Gakhovich, A.G. Shvedko, V.A. Orlovich, and K.J. Witte** – Observation of Solitary Waves with Different Phase Behavior in Stimulated Raman Forward Scattering – 5808
- Graessle, S.** (see Ambrose, D.) – 4309
- ____ (see Ambrose, D.) – 5734
- Gräf, H.-D.** (see Alt, H.) – 4847
- Graf, N.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Graham, A.P.** (see Silvestri, W.) – 1034
- Graham, Robert** – Decoherence of Bose-Einstein Condensates in Traps at Finite Temperature – 5262
- Grahn, H.T.** (see Luo, K.J.) – 1290
- Gramespacher, Thomas; and Markus Büttiker** – Quantum Shot Noise at Local Tunneling Contacts on Mesoscopic Multiprobe Conductors – 2763
- Gramila, T.J.** (see Feng, X.G.) – 3219
- Granato, Enzo; and J.M. Kosterlitz** – Charge Glass in Two-Dimensional Arrays of Capacitively Coupled Grains with Random Offset Charges – 3888
- Granatstein, V.L.** (see Lawson, W.) – 3030
- Grangier, Philippe; Daniel F. Walls, and Klaus M. Gheri** – Comment on “Strongly Interacting Photons in a Nonlinear Cavity” – 2833(C)
- Grannis, P.D.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Grant, A.R.; A.J. Sievers, J.H. Harding, and M.J.L. Sangster** – Vibrational Pocket Modes: Predictions by the Embedded Crystallite Method and Their Experimental Observation – 3687
- Granzow, Glen D.** (see Riecke, Hermann) – 333
- Grassmann, H.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Grasso, A.** (see Balestra, F.) – 4572
- Grasso, D.; H. Nunokawa, and J.W.F. Valle** – Pulsar Velocities without Neutrino Mass – 2412
- Gratton, P.** (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Grätzel, M.** (see Vittadini, A.) – 2954
- Graupner, W.; G. Cerullo, G. Lanzani, M. Nisoli, E.J.W. List, G. Leising, and S. De Silvestri** – Direct Observation of Ultrafast Field-Induced Charge Generation in Ladder-Type Poly(Para-Phenylene) – 3259
- Graw, G.** (see Ackerstaff, K.) – 5519
- Grawe, H.** (see Grzywacz, R.) – 766
- Gray, K.E.** (see DeWilde, Y.) – 492(E)
- ____ (see Osborn, R.) – 3964
- Gray, L.J.** (see Barvosa-Carter, William) – 1445
- Gray, S.W.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Grebeniounk, O.** (see Ackerstaff, K.) – 5519
- Greber, T.; J. Wider, E. Wetli, and J. Osterwalder** – X-Ray Photoelectron Diffraction in the Backscattering Geometry: A Key to Adsorption Sites and Bond Lengths at Surfaces – 1654
- ____ (see Brandt, M.) – 2376
- Green, D.R.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- ____ (see Alves, G.A.) – 1537(E)
- Green, P.W.** (see Ackerstaff, K.) – 5519
- Greene, Chris H.** (see Burke, James P., Jr.) – 3355

AUTHOR INDEX

- ____ (see Roberts, J.L.) – 5109
 ____ (see van der Hart, Hugo W.) – 4333
Greene, R. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Greene, R.L. (see Fournier, P.) – 4720
 ____ (see Ghosh, K.) – 4740
Greene, Ray G. (see Ruoff, Arthur L.) – 2723
Greenhalgh, B. (see Longour, C.) – 3337
Greeniaus, L.G. (see Ackerstaff, K.) – 5519
Greenlee, H. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Greffier, O.; A. Al kahwaji, J. Rouch, and H. Kelly – Observation of a Finite-Time Singularity in Needle Propagation in Hele-Shaw Cells – 3860
Gregorkiewicz, T. (see Tsimperidis, I.) – 4748
Gregory, Ruth (see Bonjour, Filipe) – 5034(C)
Greiner, A.; L. Reggiani, and T. Kuhn – Comment on “Quantized Thermal Conductance of Dielectric Quantum Wires” – 5037(C)
Greiner, W. (see Bass, S.A.) – 4092
 ____ (see Gerland, L.) – 762
 ____ (see Ramayya, A.V.) – 947
Grémaud, Benoît (see Jonckheere, Thibaut) – 2442
Grempe, D.R. (see Rozenberg, M.J.) – 2550
Greven, M.; and R.J. Birgeneau – Correlations and Néel Order of Randomly Diluted Quantum Spin Ladders – 1945
Grey, F. (see Hansen, O.) – 5572
Greytak, Thomas J. (see Fried, Dale G.) – 3811
 ____ (see Killian, Thomas C.) – 3807
Grieser, M. (see Lauer, I.) – 2052
Griffiths, J.A. (see Fukuto, M.) – 3455
Griffiths, Robert B.; and James B. Hartle – Comment on “Consistent Sets Yield Contrary Inferences in Quantum Theory” – 1981(C)
Grifoni, Milena (see Goychuk, Igor) – 649
 ____ (see Goychuk, Igor) – 2837(E)
Grigera, S.A.; E. Morr , E. Osquigul, C. Balseiro, G. Nieva, and F. de la Cruz – Bose-Glass Phase in Twinned $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ – 2348
Grigoryev, Yu.N.; and S.V. Meleshko – Bobylev-Krook-Wu Modes for Multicomponent Gas Mixtures – 93
Grimalsky, V. (see Bauer, M.) – 3769
Grimm, B. (see H vel, H.) – 4608
Grimm, R. (see Lauer, I.) – 2052
Grinstein, G.; Yuhai Tu, and J. Tersoff – Stability of Solid State Reaction Fronts – 2490
 ____ (see Tu, Yuhai) – 4899
Grinstein, S. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Grioni, M. (see Zwick, F.) – 1058
 ____ (see Zwick, F.) – 2974
Gritsan, A. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Gritsenko, V.A.; J.B. Xu, R.W.M. Kwok, Y.H. Ng, and I.H. Wilson – Short Range Order and the Nature of Defects and Traps in Amorphous Silicon Oxynitride Governed by the Mott Rule – 1054
Grobe, Rainer (see Rutherford, George H.) – 4772(C)
Groep, D.L. (see Onderwater, C.J.G.) – 2213
Groer, L. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Gronberg, J. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Grosse, E. (see Balestra, F.) – 4572
 ____ (see Shin, Y.) – 1576
Grosshauser, C. (see Ackerstaff, K.) – 5519
Grossman, Jeffrey C. (see C  t , Michel) – 697
Grossmann, A. (see Fortagh, J.) – 5310
Grosso-Pilcher, C. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Grozea, Daniel (see Plass, Richard) – 4891
Grudberg, P. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Gr n, M. (see Giessen, H.) – 4260
Gr nendahl, S. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Gr ninger, M. (see Damascelli, A.) – 918
Gr tter, Ch. (see Hofmann, Ph.) – 1670
 ____ (see Walko, D.A.) – 626
Grynberg, M. (see Sadowski, M.L.) – 2834(C)
Grzywacz, R.; R. B raud, C. Borcea, A. Emsallem, M. Glogowski, H. Grawe, D. Guillemaud-Mueller, M. Hjorth-Jensen, M. Houry, M. Lewitowicz, A.C. Mueller, A. Nowak, A. P lochocki, M. Pf utzner, K. Rykaczewski, M.G. Saint-Laurent, J.E. Sauvestre, M. Schaefer, O. Sorlin, J. Szerypo, W. Trinder, S. Viteritti, and J. Winfield – New Island of μs Isomers in Neutron-Rich Nuclei around the $Z = 28$ and $N = 40$ Shell Closures – 766
 ____ (see Longour, C.) – 3337
Gu, Ben-Yuan (see Li, Zhi-Yuan) – 2574
Gu, Bing-Lin (see Wang, Xiao-Bing) – 1342(C)
Gu, J.H. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Gu, S.D. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Gu, W.X. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Gu, Y.F. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Guarisco, D. (see Back, C.H.) – 3251
Guchait, Monoranjan (see Drees, Manuel) – 2394(E)
G  mez, J. (see Mat as, M.A.) – 4124
Guenoun, P.; F. Muller, M. Delsanti, L. Auvray, Y.J. Chen, J.W. Mays, and M. Tirrell – Rodlike Behavior of Polyelectrolyte Brushes – 3872
Gu  rard, C.K. (see Avignone, F.T., III) – 5068
Guevara, Javier; Ana Maria Llois, and Mariana Weissmann – Large Variations in the Magnetization of Co Clusters Induced by Noble-Metal Coating – 5306
Gueye, P. (see Niculescu, G.) – 1805

- Gueye, P.L. J.** (see Bochna, C.) – 4576
- Guglielmo, G.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Guhr, T.** (see Alt, H.) – 4847
- Guida, J.A.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Guida, J.M.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Guigay, J.-P.** (see Rejmánková-Pernot, P.) – 3435
- Guillemaud-Mueller, D.** (see Grzywacz, R.) – 766
- Guillian, G.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Guimaraes da Costa, J.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Guimarães, V.** (see Kolata, J.J.) – 4580
- Guinault, E.** (see Ajaka, J.) – 1797
- Gullikson, Eric M.** (see Sacchi, Maurizio) – 1521
- Gumbsch, P.** (see Mikulla, R.) – 3163
- Gumhalter, B.** (see Šiber, A.) – 1742(C)
- Gunasingha, R.M.** (see Athanassopoulos, C.) – 1774
- Gunter, J.** (see Adams, G.S.) – 5760
- Günther, R.; W. Donner, B.P. Toperverg, and H. Dosch** – Birefringent Bragg Diffraction of Evanescent Neutron States in Magnetic Films – 116
- Guo, R.** (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5754
- Guo, R.S.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
- Guo, Y.N.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Guo, Z.J.** (see Bai, J.Z.) – 1179
- Gupta, A.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Gupta, M.** – Embrittlement and the Bistable Crystal Structure of Zirconium Hydride – 3300(C)
- Gupta, S.K.** (see Aggarwal, M.M.) – 4087
- Gupta, Y.M.** (see Knudson, M.D.) – 2938
- Guptasarma, P.** (see DeWilde, Y.) – 492(E)
- Gurevich, A.; and J. McDonald** – Nonlinear Current Flow around Defects in Superconductors – 2546
- Gurevich, Alejandra B.** (see Stefanov, Boris B.) – 3908
- Gurov, Yu.** (see Gornov, M.G.) – 4325
- Gurzhiev, S.N.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Gushue, S.** (see Ahle, L.) – 2650
 ____ (see Mardor, I.) – 5085
- Guskov, B.** (see Aggarwal, M.M.) – 4087
- Gustafsson, H.A.** (see Aggarwal, M.M.) – 4087
- Gustafsson, K.K.** (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
- Gutbrod, H.H.** (see Aggarwal, M.M.) – 4087
- Gutbrod, T.** (see Bayer, M.) – 2582
- Gute, A.** (see Ackerstaff, K.) – 5519
- Güthoff, F.** (see Bödeker, P.) – 914
- Gutierrez, G.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Reyes, M.A.) – 4079
- Gutierrez, P.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Apanasevich, L.) – 2642
- Gutmann, Sam** (see Farhi, Edward) – 5442
- Gutowski, J.** (see Bartels, G.) – 5880
- Gweon, G.-H.; J.D. Denlinger, J.A. Clack, J.W. Allen, C.G. Olson, E. DiMasi, M.C. Aronson, B. Foran, and S. Lee** – Direct Observation of Complete Fermi Surface, Imperfect Nesting, and Gap Anisotropy in the High-Temperature Incommensurate Charge-Density-Wave Compound SmTe_3 – 886
- Gyure, Mark F.; Jennifer J. Zinck, Christian Ratsch, and Dimitri D. Vvedensky** – Unstable Growth on Rough Surfaces – 4931
- Ha, B.-Y.; and Andrea J. Liu** – Effect of Non-Pairwise-Additive Interactions on Bundles of Rodlike Polyelectrolytes – 1011
- Haake, Mathias** (see Meersmann, Thomas) – 1211
- Haas, S.** (see Giessen, H.) – 4260
- Haase, B.** (see Bartels, G.) – 5880
- Haase, J.; N.J. Curro, R. Stern, and C.P. Slichter** – New Methods for NMR of Cuprate Superconductors – 1489
- Haba, J.** (see Odaka, S.) – 2428
- Haber, C.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Habib, Salman** (see Sahni, Varun) – 1766
- Habig, A.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Hackenbroich, G.; B. Rosenow, and H.A. Weidenmüller** – Quantum Zeno Effect and Parametric Resonance in Mesoscopic Physics – 5896
- Hackenburg, R.W.** (see Adams, G.S.) – 5760
- Hadjiev, V.G.** (see Strohm, T.) – 2180(C)
- Hadley, N.J.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Haeblerli, W.** (see Ackerstaff, K.) – 5519
 ____ (see Meyer, H.O.) – 3096
- Hafen, E.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Hafner, J.** (see Moroni, E.G.) – 1969

AUTHOR INDEX

- Haft, M.** – Robust “Topological” Codes by Keeping Control of Internal Redundancy – 4016
- Haga, Y.** (see Sumiyama, A.) – 5213
- Hagemann, G.B.** (see Frattini, S.) – 2659
- Haggerty, H.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Haggerty, M.R.; Neal Spellmeyer, Daniel Kleppner, and J.B. Delos** – Extracting Classical Trajectories from Atomic Spectra – 1592
- Hagmann, S.** (see Schmitt, W.) – 4337
- Hagopian, S.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Hagopian, V.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Hague, Coryn F.** (see Sacchi, Maurizio) – 1521
- Hahn, H.** (see Stuhr, U.) – 1449
- Hahn, Inseob; S.T.P. Boyd, H.M. Bozler, and C.M. Gould** – Thermodynamic Magnetization Discontinuity at the *A-B* Transition in Superfluid ^3He – 618
- Hahn, K.S.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Hahn, S.R.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Hähner, Peter; Karlheinz Bay, and Michael Zaiser** – Fractal Dislocation Patterning During Plastic Deformation – 2470
- Haight, R.C.** (see Abfalterer, W.P.) – 57
- Haines, M.G.** (see Lebedev, S.V.) – 4152
 ____ (see Tatarakis, M.) – 999
- Haines, T.J.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Hakonen, P.; O. Avenel, and E. Varoquaux** – Evidence for Single-Vortex Pinning and Unpinning Events in Superfluid ^4He – 3451
- Hall, D.S.; M.R. Matthews, J.R. Ensher, C.E. Wieman, and E.A. Cornell** – Dynamics of Component Separation in a Binary Mixture of Bose-Einstein Condensates – 1539
 ____ **M.R. Matthews, C.E. Wieman, and E.A. Cornell** – Measurements of Relative Phase in Two-Component Bose-Einstein Condensates – 1543
 ____ **M.R. Matthews, J.R. Ensher, C.E. Wieman, and E.A. Cornell** – Dynamics of Component Separation in a Binary Mixture of Bose-Einstein Condensates [Phys. Rev. Lett. **81**, 1539 (1998)] – 4531(E)
 ____ **M.R. Matthews, C.E. Wieman, and E.A. Cornell** – Measurements of Relative Phase in Two-Component Bose-Einstein Condensates [Phys. Rev. Lett. **81**, 1543 (1998)] – 4532(E)
 ____ (see Matthews, M.R.) – 243
- Hall, D.W.** (see Harrison, N.) – 870
- Hall, R.E.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Hall, R.I.** (see Penent, F.) – 3619
- Hall, S.G.** (see Carroll, S.J.) – 3715
- Hall, T.A.; S. Ellwi, D. Batani, A. Bernardinello, V. Masella, M. Koenig, A. Benuzzi, J. Krishnan, F. Pisani, A. Djaoui, P. Norreys, D. Neely, S. Rose, M.H. Key, and P. Fews** – Fast Electron Deposition in Laser Shock Compressed Plastic Targets – 1003
- Hallberg, T.** (see Öberg, S.) – 2930
- Haller, E.E.** (see Bracht, H.) – 393
- Halling, A.M.** (see Aitala, E.M.) – 44
- Halliwell, Jonathan J.** (see Diósi, Lajos) – 2846
- Halperin, Igor; and Ariel Zhitnitsky** – Anomalous Effective Lagrangian and θ Dependence in QCD at Finite N_c – 4071
- Halverson, P.G.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Halzen, F.; and D. Saltzberg** – Tau Neutrino Appearance with a 1000 Megaparsec Baseline – 4305
- Halzen, Francis** (see Shi, Xiangdong) – 5722
- Hamada, N.** (see Dessau, D.S.) – 192
- Hamada, Y.** (see Fujisawa, A.) – 2256
- Hamagaki, H.** (see Ahle, L.) – 2650
- Hamann, D.R.** – Diffusion of Atomic Oxygen in SiO_2 – 3447
- Hamasaki, H.** (see Odaka, S.) – 2428
- Hamel, G.** (see Nelmes, R.J.) – 2719
- Hamilton, J.C.** (see Hannon, J.B.) – 5474(C)
- Hamilton, J.H.** (see Ramayya, A.V.) – 947
- Hamilton, R.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Hamm, Peter; Manho Lim, and Robin M. Hochstrasser** – Non-Markovian Dynamics of the Vibrations of Ions in Water from Femtosecond Infrared Three-Pulse Photon Echoes – 5326
- Hammann, J.** (see Jonason, K.) – 3243
- Hammel, B.A.** (see Murphy, T.J.) – 108
 ____ (see Wharton, K.B.) – 822
- Hammel, P.C.** (see Suh, B.J.) – 2791
- Hammer, B.** (see Mavrikakis, M.) – 2819
- Hammonds, Kenton D.** (see Trachenko, Kostya) – 3431
- Hammons, B.E.** (see Wang, Hailin) – 3255
- Hamza, A.V.** (see Schenkel, T.) – 2590
- Han, C.C.** (see Xie, R.) – 1251
- Han, Jie** (see Garg, Ajay) – 2260
- Han, S.W.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Han, Y.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Hancock, A.D.** (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
- Handa, T.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Handler, R.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432

- ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Hanfland, M. (see Schwarz, U.) – 2711
Hänggi, Peter (see Goychuk, Igor) – 649
 ____ (see Goychuk, Igor) – 2837(E)
 ____ (see Shao, Jiushu) – 5710
Hangst, J.S. (see Drewsen, M.) – 2878
Hanke, A.; F. Schlesener, E. Eisenriegler, and S. Dietrich – Critical Casimir Forces between Spherical Particles in Fluids – 1885
Hanlet, P. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Hannon, J.B.; M.C. Bartelt, N.C. Bartelt, and G.L. Kellogg – Etching of the Si(001) Surface with Molecular Oxygen – 4676
 ____ **N.C. Bartelt, B.S. Swartzentruber, J.C. Hamilton, and G.L. Kellogg** – Hannon *et al.* Reply – 5474(C)
Hans, R.M. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Hänsch, T.W. (see Bellini, M.) – 297
 ____ (see Fortagh, J.) – 5310
Hansen, D.L. (see Miron, C.) – 4104
Hansen, J.-O. (see Ackerstaff, K.) – 5519
 ____ (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
Hansen, John Lundsgaard (see Fage-Pedersen, Jacob) – 5856
Hansen, L.F. (see Ahle, L.) – 2650
Hansen, M.F. (see Jonsson, T.) – 3976
Hansen, N. (see Hughes, D.A.) – 4664
Hansen, O.; J.T. Ravnikilde, U. Quaade, K. Stokbro, and F. Grey – Field-Induced Deformation as a Mechanism for Scanning Tunneling Microscopy Based Nanofabrication – 5572
Hansen, P.G. (see Navin, A.) – 5089
Hansen, S. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Hanson, M.; C. Johansson, and S. Mørup – Comment on “Macroscopic Resonant Tunneling of Magnetization in Ferritin” – 735(C)
Hanstorp, D. (see Kiyani, I.Yu.) – 2874
Hao, W. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Happacher, F. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Hara, K. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Hara, T. (see Hatakeyama, S.) – 2016
Harada, Toru – Calculation of the ^4He Bound State in the $^4\text{He}(K^-, \pi^-)$ Reaction at 600 MeV/c – 5287
Harakeh, M.N. (see Spaltro, C.M.) – 2870
Harasawa, A. (see Strocov, V.N.) – 4943
Harder, M. (see Longour, C.) – 3337
Harding, J.H. (see Grant, A.R.) – 3687
Hardman, A.D. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Hardy, W.N. (see Hosseini, A.) – 1298
Hargitai, Z. (see Yao, Y.) – 550
Hargrave, P. (see Donovan, K.J.) – 3731
Haritos, K.G. (see Snadden, M.J.) – 971
Harney, H.L. (see Alt, H.) – 4847
Harris, A. Brooks (see Aharony, Amnon) – 252
Harris, D.A. (see Kim, J.H.) – 3595
Harris, D.B. (see Fernández, Juan C.) – 2252
Harris, F.A. (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Harris, J.S., Jr. (see Cronenwett, S.M.) – 5904
 ____ (see Huijbers, A.G.) – 1917
 ____ (see Patel, S.R.) – 5900
Harris, M.J.; S.T. Bramwell, P.C.W. Holdsworth, and J.D.M. Champion – Liquid-Gas Critical Behavior in a Frustrated Pyrochlore Ferromagnet – 4496
Harris, Mark J. (see Trachenko, Kostya) – 3431
Harris, R.M. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Harris, Robert A. (see Maierle, Christopher S.) – 5928
Harris, S.E.; and A.V. Sokolov – Subfemtosecond Pulse Generation by Molecular Modulation – 2894
 ____ **and Y. Yamamoto** – Photon Switching by Quantum Interference – 3611
Harrison, N.; D.W. Hall, R.G. Goodrich, J.J. Vuillemin, and Z. Fisk – Quantum Interference in the Spin-Polarized Heavy Fermion Compound CeB₆: Evidence for Topological Deformation of the Fermi Surface in Strong Magnetic Fields – 870
Harrowell, Peter (see Perera, Donna N.) – 120
Harss, B. (see Rehm, K.E.) – 3341
Hart, E.L. (see Abe, K.) – 942
Hart, T. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Hartfuss, H.J. (see Fuchs, Ch.) – 1626
 ____ (see Laqua, H.P.) – 2060
Hartill, D.L. (see Alam, M.S.) – 3328

AUTHOR INDEX

- ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Hartl, M. (see Gauck, H.) – 5298
Hartle, James B. (see Griffiths, Robert B.) – 1981(C)
Hartman, K. (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
 ____ (see Apanasevich, L.) – 2642
Hartmann, F. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Harton, J.L. (see Abe, K.) – 942
Hartouni, E.P. (see Reyes, M.A.) – 4079
Harvey, M. (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
Hasan, A. (see Abe, K.) – 942
Hasch, D. (see Ackerstaff, K.) – 5519
Hasegawa, A. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Hasegawa, T. (see Bhang, H.) – 4321
 ____ (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Hasenbalg, F. (see Avignone, F.T., III) – 5068
Hashimoto, O. (see Bhang, H.) – 4321
Hashimoto, S. (see Aoki, S.) – 1778
Hashizume, T. (see Heike, Seiji) – 890
Hasselström, J. (see Föhlich, A.) – 1730
Hasty, Jeff; and Kurt Wiesenfeld – Renormalization Group for Directed Sandpile Models – 1722
Hasuko, K. (see Abe, K.) – 942
Hatakenaka, Noriyuki – Quantum Decay from Josephson π States – 3753
Hatakeyama, S. et al. – Measurement of the Flux and Zenith-Angle Distribution of Upward Through-Going Muons in Kamiokande II + III – 2016
 ____ (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Hatchett, S.P. (see Wharton, K.B.) – 822
Hatharasinghe, H.L.M. (see Swenson, J.) – 5840
Hauer, A.A. (see Murphy, T.J.) – 108
Haug, H. (see Bányai, L.) – 882
Haug, R.J. (see Schmidt, T.) – 3928
Haug, Rolf J. (see Blick, Robert H.) – 689
Hauptman, J.M. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Hauser, J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Hausladen, P.A. (see Bush, J.E.) – 61
Häusser, O. (see Ackerstaff, K.) – 5519
Hautmann, F.; Z. Kunszt, and D.E. Soper – Diffractive Deeply Inelastic Scattering of Hadronic States with Small Transverse Size – 3333
Havel, T.F. (see Cory, D.G.) – 2152
Haviland, David B. (see Chow, Edmond) – 204
Havlin, Shlomo (see Koscielny-Bunde, Eva) – 729
Hawrylak, Pawel (see Jiang, Z.X.) – 3499
Hayakawa, T. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
Hayano, R.S. (see Ahle, L.) – 2650
Hayase, Yumino; and Takao Ohta – Sierpinski Gasket in a Reaction-Diffusion System – 1726
Hayashi, E. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Hayashida, N. (see Takeda, M.) – 1163
Hayato, Y. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
Hayek, M. (see Adams, G.S.) – 5760
Hayes, W. (see Ardavan, A.) – 713
Hayes, William A. (see Doudevski, Ivo) – 4927
Hayward, Sean A. – Inequalities Relating Area, Energy, Surface Gravity, and Charge of Black Holes – 4557
Hazareensing, Anusha; and Jean-Philippe Bouchaud – Comment on “Roughening Transition of Interfaces in Disordered Systems” – 5953(C)
He, D. (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
He, Guowei; Shiyi Chen, Robert H. Kraichnan, Raoyang Zhang, and Ye Zhou – Statistics of Dissipation and Enstrophy Induced by Localized Vortices – 4636
He, H. (see Drummond, P.D.) – 3055
He, J. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
He, J.T. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
He, M. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
He, W. (see Denisov, G.G.) – 5680
He, Xiao-Gang; Wei-Shu Hou, and Kwei-Chou Yang – Prospects for Direct CP Violation in Exclusive and Inclusive Charmless B Decays – 5738
Hebard, A.F. (see Arnason, S.B.) – 3936
Hebenstreit, Wilhelm (see Diebold, Ulrike) – 405
Heber, O. (see Levin, J.) – 3347
Hebert, M. (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734

- Hébraud, P.; and F. Lequeux** – Mode-Coupling Theory for the Pasty Rheology of Soft Glassy Materials – 2934
- Heckler, H.** (see Kovalev, D.) – 2803
- Hedges, S. J.** (see Abe, K.) – 942
- Hedin, D.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Heeter, R.** (see Eriksson, L.-G.) – 1231
- Heeter, R. F.** (see Fasoli, A.) – 5564
- Heffner, R. H.; D. E. MacLaughlin, G. J. Nieuwenhuys, T. Kimura, G. M. Luke, Y. Tokura, and Y. J. Uemura** – Effects of Reduced Dimensionality on Spin Dynamics in the Layered Perovskite $\text{La}_{1.4}\text{Sr}_{1.6}\text{Mn}_2\text{O}_7$ – 1706
 ____ (see Booth, C. H.) – 3960
- Hegelich, Manuel** (see Hildebrandt, Ralf) – 5548
- Heger, D.** (see Dang, Le Si) – 3920
- Hegger, Rainer; Martin J. Büchner, Holger Kantz, and Antonino Giaquinta** – Identifying and Modeling Delay Feedback Systems – 558
- Hehlen, B.** (see Foret, M.) – 2100
- Heidmann, J.** (see Back, C. H.) – 3251
- Heike, Seiji; S. Watanabe, Y. Wada, and T. Hashizume** – Electron Conduction through Surface States of the $\text{Si}(111)-(7 \times 7)$ Surface – 890
- Heilmann, R. K.** (see Fukuto, M.) – 3455
- Heine, Volker** (see Trachenko, Kostya) – 3431
- Heinrich, J.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Heinson, A. P.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Heintz, U.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Heintzelman, G.** (see Ahle, L.) – 2650
- Heinz, K.** (see Reuter, K.) – 4963
- Heinz, S.** (see Balestra, F.) – 4572
- Heinzel, G.; K. A. Strain, J. Mizuno, K. D. Skeldon, B. Willke, W. Winkler, R. Schilling, A. Rüdiger, and K. Danzmann** – Experimental Demonstration of a Suspended Dual Recycling Interferometer for Gravitational Wave Detection – 5493
- Heinzen, D. J.** (see Courteille, Ph.) – 69
- Heinzmann, U.** (see Brandt, M.) – 2376
- Heiser, Thomas** (see Istratov, Andrei A.) – 1243
- Heiss, A.** (see Abe, F.) – 5742
- Hekking, F. W. J.** (see Blanter, Ya. M.) – 1925
- Helbing, Dirk; and Martin Treiber** – Gas-Kinetic-Based Traffic Model Explaining Observed Hysteretic Phase Transition – 3042
- Helbing, K.** (see Bock, A.) – 534
- Helfrich, R.** (see Gegenwart, P.) – 1501
 ____ (see Kromer, F.) – 4476
- Heller, E. J.** (see Hersch, J. S.) – 3059
- Heller, Urs M.** (see Bernard, C.) – 4812
 ____ (see Bernard, Claude) – 3087
- Hellsten, T.** (see Eriksson, L.-G.) – 1231
- Hellström, M.** (see Navin, A.) – 5089
- Helm, Christiane A.** (see Ahrens, Heiko) – 4172
- Heltsley, B. K.** (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Hemmer, P. R.** (see Lukin, M. D.) – 2675
- Hemmi, Y.** (see Odaka, S.) – 2428
- Henderson, R.** (see Ackerstaff, K.) – 5519
- Henderson, W.; E. Y. Andrei, and M. J. Higgins** – Plastic Motion of a Vortex Lattice Driven by Alternating Current – 2352
- Hendry, P. C.** (see Dodd, M. E.) – 3703
- Hengsberger, M.** (see Garnier, M.) – 1349(C)
- Henkes, Th.** (see Ackerstaff, K.) – 5519
- Henley, Christopher L.; and Nai-gong Zhang** – Semiclassical Eigenstates of Four-Sublattice Antiferromagnets – 5221
- Henne, Ulrich** (see Fárník, Michal) – 3892
- Henneberger, F.** (see Nickolaus, H.) – 2586
- Hennion, M.; F. Moussa, G. Biotteau, J. Rodríguez-Carvajal, L. Pinsard, and A. Revcolevschi** – Liquidlike Spatial Distribution of Magnetic Droplets Revealed by Neutron Scattering in $\text{La}_{1-x}\text{Ca}_x\text{MnO}_3$ – 1957
- Henny, M.** (see Strunk, C.) – 2982
- Henoch, M.** (see Ackerstaff, K.) – 5519
- Henry, B. P.** (see Vandenbosch, R.) – 1821
- Heppelmann, S.** (see Mardor, I.) – 5085
- Heppenstall-Butler, M.** (see Sferrazza, M.) – 5173
- Heppke, G.** (see Macdonald, R.) – 4408
- Herbut, Igor F.** – Finite Temperature Transport at the Superconductor-Insulator Transition in Disordered Systems – 3916
- Hergenhahn, U.** (see Kivimäki, A.) – 301
- Herlach, F.** (see Wagner, P.) – 3980
- Hernández, J. M.** (see Tejada, J.) – 736(C)
- Hernández-Montoya, R.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Hernando, A.** (see Del Bianco, L.) – 4500
- Héron, A.** (see Fuchs, J.) – 4275(C)
- Herrenden-Harker, W. G.** (see Watts, J. P.) – 4220
- Herrera, G.** (see Aitala, E. M.) – 44
- Herrmann, R.; S. Samarin, H. Schwabe, and J. Kirschner** – Two Electron Photoemission in Solids – 2148
 ____ (see Berakdar, J.) – 3535
- Hersch, J. S.; and E. J. Heller** – Observation of Proximity Resonances in a Parallel-Plate Waveguide – 3059
- Herschfield, S. P.** (see Arnason, S. B.) – 3936
- Herskind, B.** (see Frattini, S.) – 2659
- Hersman, F. W.** (see Tseng, C. H.) – 3785
- Hertenberger, R.** (see Ackerstaff, K.) – 5519
- Hertzbach, S. S.** (see Abe, K.) – 942
- Hervieu, M.** (see Rodríguez-Carvajal, J.) – 4660
- Hesper, R.** (see Tjeng, L. H.) – 734(C)
- Hess, P.** (see Pusel, A.) – 645
- Hesselink, W. H. A.** (see Onderwater, C. J. G.) – 2213
- Hessels, E. A.** (see Fisher, D. S.) – 1817
- Hetrick, J. E.** (see Bernard, C.) – 4812
- Hetrick, James E.** (see Bernard, Claude) – 3087
- Hetterich, M.** (see Giessen, H.) – 4260
- Heuer, A.** (see Tracht, U.) – 2727
- Heuring, T.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Hey, J.** (see Bock, A.) – 534
- Hidekuma, S.** (see Fujisawa, A.) – 2256
- Hieslmair, Henry** (see Istratov, Andrei A.) – 1243
- Hiess, A.** (see Bernhoeft, N.) – 3419
 ____ (see Bernhoeft, N.) – 4244
- Hietarinta, Jarmo; and Claude Viallet** – Singularity Confinement and Chaos in Discrete Systems – 325
- Higgins, M. J.** (see Henderson, W.) – 2352
- Higuchi, M.** (see Odaka, S.) – 2428
- Higuchi, R.** (see Aggarwal, M. M.) – 4087
- Hijmans, T. W.** (see Mosk, A. P.) – 3046(C)
 ____ (see Mosk, A. P.) – 4440

AUTHOR INDEX

- Hildebrand, M.;** **A.S. Mikhailov,** and **G. Ertl** – Traveling Nanoscale Structures in Reactive Adsorbates with Attractive Lateral Interactions – 2602
- Hildebrandt, Ralf;** **Manuel Hegelich,** **Hans-Martin Keller,** **Gerd Marowsky,** **Søren Hvilsted,** **Niels Christian Rømer Holme,** and **P.S. Ramanujam** – Time-Resolved Investigation of Photoinduced Birefringence in Azobenzene Side-Chain Polyester Films – 5548
- Hildreth, M.D.** (see Abe, K.) – 942
- Hilgenkamp, H.** (see Il'ichev, E.) – 894
- Hill, Christopher T.** (see Dobrescu, Bogdan A.) – 2634
- Hill, J.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Hill, J.P.** (see Murakami, Y.) – 582
- Hill, N.A.** (see Biktashev, V.N.) – 2815
- Hill, T.S.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Hillebrands, B.** (see Bauer, M.) – 3769
 ____ (see Mathieu, C.) – 3968
- Hillery, Mark** (see Bužek, Vladimír) – 5003
- Hinde, D.J.;** **M. Dasgupta,** **J.R. Leigh,** **D.G. Marinaro,** and **J.O. Newton** – Comment on “Anomalous Peaklike Structure in the Fission Fragment Anisotropies at Sub-barrier Energies in ^{11}B , ^{12}C , ^{16}O , ^{19}F + ^{232}Th Reactions” – 4777(C)
- Hinds, E.A.** (see Lai, K.S.) – 2671
- Hinkel, D.E.** (see Young, P.E.) – 1425
- Hinks, D.G.** (see DeWilde, Y.) – 492(E)
- Hinnefeld, J.D.** (see Kolata, J.J.) – 4580
- Hinner, B.;** **M. Tempel,** **E. Sackmann,** **K. Kroy,** and **E. Frey** – Entanglement, Elasticity, and Viscous Relaxation of Actin Solutions – 2614
- Hinrichsen, B.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Hinrichsen, H.** (see Ueda, Masahito) – 2179(C)
- Hinson, J.W.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Hinton, D.P.** (see Tseng, C.H.) – 3785
- Hinton, W.** (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
- Hirata, K.S.** (see Hatakeyama, S.) – 2016
- Hiroi, M.;** **S. Kobayashi,** **M. Sera,** **N. Kobayashi,** and **S. Kunii** – Reentrant Behavior and Strong Anisotropy of the Phase Boundary between Antiferro-Quadrupolar Ordered and Paramagnetic Phases in $\text{Ce}_x\text{La}_{1-x}\text{B}_6$ in High Magnetic Fields – 2510
- Hirose, T.** (see Odaka, S.) – 2428
- Hirosky, R.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Hirota, K.** (see Murakami, Y.) – 582
- Hirschfeld, P.J.;** **M.-R. Li,** and **P. Wölffe** – Comment on “T Dependence of the Magnetic Penetration Depth in Unconventional Superconductors at Low Temperatures: Can It Be Linear?” – 4024(C)
 ____ (see Li, M.-R.) – 5640
- Hirstein, A.** (see Bürgi, L.) – 5370
- Hitlin, D.G.** (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Hjorth-Jensen, M.** (see Grzywacz, R.) – 766
- Hlinka, J.** (see Perez-Mato, J.M.) – 2462
- Ho, Allen C.** (see Ruoff, Arthur L.) – 2723
- Ho, K.M.** (see Lee, Gun-Do) – 5872
- Ho, Kai-Ming** (see Shvartsburg, Alexandre A.) – 4616
- Ho, Tin-Lun** – Spinor Bose Condensates in Optical Traps – 742
- Ho, W.** (see Stipe, B.C.) – 1263
- Ho, Y.L.** (see Zhang, Z.Q.) – 5540
- Hobbie, Erik K.** – Metastability and Depletion-Driven Aggregation – 3996
- Hobbs, J.D.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Hochberg, David;** and **Matt Visser** – Null Energy Condition in Dynamic Wormholes – 746
 ____ **Carmen Molina-París,** **Juan Pérez-Mercader,** and **Matt Visser** – Zeta Functions, Renormalization Group Equations, and the Effective Action – 4802
- Hochstrasser, Robin M.** (see Hamm, Peter) – 5326
- Hod, Shahar;** and **Tsvi Piran** – Mass Inflation in Dynamical Gravitational Collapse of a Charged Scalar Field – 1554
 – Bohr’s Correspondence Principle and the Area Spectrum of Quantum Black Holes – 4293
- Hoekstra, R.** (see Khemliche, H.) – 1219
- Hoeneisen, B.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Hoenig, H.E.** (see Il'ichev, E.) – 894
- Hofer, J.** (see Willemin, M.) – 4236
- Höfer, U.** (see Kratzer, P.) – 5596
- Hoff, C.H.** (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
- Hofferbert, R.** (see Alt, H.) – 4847
- Hoffman, K.D.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Hoffmann, D.** (see Sukenik, C.I.) – 782
 ____ (see Tseng, C.H.) – 3785
- Hoffmann, G.W.** (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
- Hoffmann-Rothe, P.** (see Ajaka, J.) – 1797
 ____ (see Bock, A.) – 534
- Hofmann, F.;** **O. Sauter,** **H. Reimerdes,** **I. Furno,** and **A. Pochelon** – Experimental and Theoretical Stability Limits of Highly Elongated Tokamak Plasmas – 2918
- Hofmann, Ph.;** **Y.Q. Cai,** **Ch. Grütter,** and **J.H. Bilgram** – Electron-Lattice Interaction on $\alpha\text{-Ga}(010)$ – 1670
 ____ (see Lizzit, S.) – 3271
- Hoftun, J.S.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Hogan, B.** (see Lawson, W.) – 3030
- Hogan, M.** (see Tremaine, A.) – 5816
- Hogan, M.J.;** **C. Pellegrini,** **J. Rosenzweig,** **S. Anderson,** **P. Frigola,** **A. Tremaine,** **C. Fortgang,** **D.C. Nguyen,** **R.L. Sheffield,** **J. Kinross-Wright,** **A. Varfolomeev,** **A.A. Varfolomeev,** **S. Tolmachev,** and **Roger Carr** – Measurements of Gain Larger than 10^5 at $12\text{ }\mu\text{m}$ in a Self-Amplified Spontaneous-Emission Free-Electron Laser – 4867
- Hogervorst, W.** (see Karremans, K.) – 4843
- Hohlmann, M.** (see Abe, F.) – 1367

- ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Holbrow, C. (see Seelig, P.) – 4824
Holck, C. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Holden, A. V. (see Biktashev, V. N.) – 2815
Holdsworth, P. C. W. (see Harris, M. J.) – 4496
Holfeld, C. P.; F. Löser, M. Sudzius, K. Leo, D. M. Whittaker, and K. Köhler – Fano Resonances in Semiconductor Superlattices – 874
Holland, Dominic; and M. Marder – Erratum: Ideal Brittle Fracture of Silicon Studied with Molecular Dynamics [Phys. Rev. Lett. **80**, 746 (1998)] – 4029(E)
Holland, K. (see Campos, A.) – 2420
Holland, M. – Unraveling Quantum Dissipation in the Frequency Domain – 5117
Hollebeek, R. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Holleman, I. (see von Helden, G.) – 1825
Holler, Y. (see Ackerstaff, K.) – 5519
Hollerbach, Rainer – Time-Dependent Taylor Vortices in Wide-Gap Spherical Couette Flow – 3132
Holleville, D. (see Cognet, L.) – 5044
Hollis, R. V. (see Watt, R. G.) – 4644
Hollmann, E. M. (see Anderegg, F.) – 4875
Holló, S. (see Donkó, Z.) – 1622
Holloway, L. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Holm, Darryl D. (see Chen, Shiyi) – 5338
Holme, Niels Christian Rømer (see Hildebrandt, Ralf) – 5548
Holt, R. J. (see Ackerstaff, K.) – 5519
 ____ (see Bochna, C.) – 4576
Holyst, Robert; A. Poniewierski, P. Fortmeier, and H. Stegemeyer – Coupling of Polarization and Dislocation in Ferroelectric Smectic Liquid-Crystal Films – 5848
Holfuss, Joachim; Matthias Rüggeberg, and Robert Mettin – Boosting Sonoluminescence – 1961
 ____ **Matthias Rüggeberg, and Andreas Billo** – Shock Wave Emissions of a Sonoluminescing Bubble – 5434
Homma, Y. (see Odaka, S.) – 2428
Honda, K. (see Takeda, M.) – 1163
Honda, Z.; H. Asakawa, and K. Katsumata – Magnetic Field versus Temperature Phase Diagram of a Quasi-One-Dimensional $S = 1$ Heisenberg Antiferromagnet – 2566
Hone, J. (see Launois, P.) – 4420
Hong, J. T. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 4279(E)
Hong, Y. (see Pelz, J. P.) – 5473(C)
Honma, Michio (see Otsuka, Takaharu) – 1588
Honscheid, K. (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
Hooley, C. (see Azaria, P.) – 1694
Hoover, Wm. G. (see Castillo, V. M.) – 5700(C)
Hopman, P. I. (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
Hoprich, W. (see Ackerstaff, K.) – 5519
Hori, Hidenobu (see Yamada, Syoji) – 5422
Horiuchi, T. (see Hatakeyama, S.) – 2016
Horn, R. (see Gegenwart, P.) – 1501
Hornekær, L. (see Drewsen, M.) – 2878
Horodecki, Michał (see Jozsa, Richard) – 1714
Horodecki, Paweł (see Jozsa, Richard) – 1714
Horodecki, Ryszard (see Jozsa, Richard) – 1714
Horowitz, C. J.; and Gang Li – Erratum: Cumulative Parity Violation in Supernovae [Phys. Rev. Lett. **80**, 3694 (1998)] – 1985(E)
Horsch, P. (see Carmelo, J. M. P.) – 489(C)
Horvath, G. Zs. K. (see Cognet, L.) – 5044
Horváth, Ivan – Ginsparg-Wilson Relation and Ultralocality – 4063
Hossain, I. (see Ishii, T.) – 4100
Hossain, Murshed (see Matthaeus, W. H.) – 2056
Hosseini, A.; Saeid Kamal, D. A. Bonn, Ruixing Liang, and W. N. Hardy – $\hat{c}$ -Axis Electrodynamics of $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ – 1298
Höfl, J. (see Armbruster, B.) – 520
Hotchi, H. (see Bhang, H.) – 4321
Hotop, H. (see Schramm, A.) – 778
Hotta, T. (see Koizumi, H.) – 3803(C)
Hou, H. Q. (see Wang, Hailin) – 3255
Hou, Wei-Shu (see He, Xiao-Gang) – 5738
Hou Zhonghuai; ; Yang Lingfa, Xiaobin Zuo, and Xin Houwen – Noise Induced Pattern Transition and Spatiotemporal Stochastic Resonance – 2854
Houdayer, J.; and O. C. Martin – Droplet Phenomenology and Mean Field in a Frustrated Disordered System – 2554
Hourany, E. (see Ajaka, J.) – 1797
Houry, M. (see Grzywacz, R.) – 766
Houssiau, L.; J. W. Rabalais, J. Wolfgang, and P. Nordlander – Surface Structure and Electron Density Dependence of Scattered Ne^+ Ion Fractions from Cd- and S-Terminated $\text{CdS}\{0001\}$ Surfaces – 5153
Houston, J. E. (see Kiely, J. D.) – 4424
Hövel, H.; B. Grimm, M. Pollmann, and B. Reihl – Cluster-Substrate Interaction on a Femtosecond Time Scale Revealed by a High-Resolution Photoemission Study of the Fermi-Level Onset – 4608
Howard, M. J. (see Ueda, Masahito) – 2179(C)
Howard, Martin (see Lauritsen, Kent Bækgaard) – 2104
Howells, W. S. (see Cabrillo, C.) – 4361
Howes, P. B. (see Kaganer, V. M.) – 5864
Hristov, Tihomir; Carl Friehe, and Scott Miller – Wave-Coherent Fields in Air Flow over Ocean Waves: Identification of Cooperative Behavior Buried in Turbulence – 5245
Hrivnacova, I. (see Aggarwal, M. M.) – 4087

AUTHOR INDEX

- Hsieh, F.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Hsu, J.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Hsu, R.-C.** (see Olkhovets, A.) – 3539
- Hu, Bambi** (see Liu, Jie) – 1749
 ____ (see Zheng, Zhigang) – 5318
- Hu, G.; J. Z. Yang, W. Q. Ma, and J. H. Xiao** – Hopf Bifurcation from Chaos and Generalized Winding Numbers of Critical Modes – 5314
- Hu, G. Y.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Hu, Gang** (see Xiao, Jinghua) – 5552
 ____ (see Zheng, Zhigang) – 5318
- Hu, H. M.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Hu, J. L.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Hu, Q. H.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Hu, T.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Hu, Ting** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Hu, Tong** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Hu, X. Q.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Huang, C. C.** (see Mach, P.) – 1015
- Huang, J. D.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Huang, J. Y.; M. Kwon, T.-Y. Lee, I. S. Ko, Y. H. Chin, and H. Fukuma** – Direct Observation of the Fast Beam-Ion Instability – 4388
- Huang, M.-T.** (see Wehlitz, R.) – 1813
- Huang, Wung-Hong** – Comment on “Quantum Statistical Mechanics of an Ideal Gas with Fractional Exclusion Statistics in Arbitrary Dimension” – 2392(C)
- Huang, Y. Z.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Huang, Z.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Hubbard, A.** (see Lipschultz, B.) – 1007
- Hüber, D.** (see Abfalterer, W. P.) – 57
 ____ (see Witala, H.) – 1183
- Huber, G.** (see Seelig, P.) – 4824
- Huber, J.** (see Abe, K.) – 942
- Hübner, W.** (see Dewitz, J. P.) – 4273(C)
- Hucht, A.** (see Bödeker, P.) – 914
- Huck, H.** (see Avignone, F. T., III) – 5068
- Huebener, R. P.** (see Stoll, O. M.) – 2994
- Huehn, T.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Huerta, Ramon** (see Elson, Robert C.) – 5692
- Huestis, W. H.** (see Keller, S. L.) – 5019
- Huffer, M. E.** (see Abe, K.) – 942
- Huffman, B. T.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Hüfner, S.** (see Strocov, V. N.) – 4943
- Hüger, E.** (see Wormeester, H.) – 854
- Hughes, D. A.; D. C. Chrzan, Q. Liu, and N. Hansen** – Scaling of Misorientation Angle Distributions – 4664
- Hughes, E. W.** (see Abe, K.) – 942
- Hughes, R.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Hughes, R. J.** (see Buttler, W. T.) – 3283
- Hughes, S.** – Breakdown of the Area Theorem: Carrier-Wave Rabi Flopping of Femtosecond Optical Pulses – 3363
- Hughey, B.** (see Kolata, J. J.) – 4580
- Hui, P.** (see Davids, B.) – 2209
- Huibers, A. G.; M. Switkes, C. M. Marcus, K. Campman, and A. C. Gossard** – Dephasing in Open Quantum Dots – 200
- Huibers, A. G.; S. R. Patel, C. M. Marcus, P. W. Brouwer, C. I. Duruöz, and J. S. Harris, Jr.** – Distributions of the Conductance and its Parametric Derivatives in Quantum Dots – 1917
- Huisman, W. J.** (see de Vries, S. A.) – 381
- Huitu, Katri; Cai-Dian Lü, Paul Singer, and Da-Xin Zhang** – Searching for New Physics in $b \rightarrow ss\bar{d}$ Decays – 4313
- Huke, B.** (see Jung, Ch.) – 3651
- Hulbert, S. L.** (see Tjeng, L. H.) – 734(C)
- Hults, W. L.** (see Gorny, K. R.) – 2340
- Humbert, C.** (see Lerouge, S.) – 5457
- Humphreys, C. J.** (see Lim, S.-H.) – 5350
- Hung, C. L.** (see Chu, K. R.) – 4760
- Hungerford, E.** (see Niculescu, G.) – 1805
- Hunt, A. W.** (see Imai, T.) – 220
 ____ (see Imai, T.) – 3006
- Hunt, M. B.** (see Lee, S. L.) – 5209
- Hurvits, G.** (see Aitala, E. M.) – 44
- Huscroft, Carey; and Richard T. Scalettar** – Evolution of the Density of States Gap in a Disordered Superconductor – 2775
- Husinsky, W.** (see Yao, Y.) – 550
- Hussain, Z.** (see Tober, E. D.) – 2360
- Hussein, M. S.; and M. P. Pato** – Hussein and Pato Reply – 3049(C)
 ____ (see Ueda, M.) – 1809
- Huston, J.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513

- ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Apanasevich, L.) – 2642
Hutchinson, D.A.W.; R.J. Dodd, and K. Burnett – Gapless Finite- T Theory of Collective Modes of a Trapped Gas – 2198
Huth, J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Huth, M. (see Bernhoeft, N.) – 3419
Huynh, X. (see Abe, K.) – 942
Huyse, M. (see Franchoo, S.) – 3100
Hvilsted, Søren (see Hildebrandt, Ralf) – 5548
Hwang, E.H. (see Das Sarma, S.) – 4216
Hwang, H. (see Abe, K.) – 942
Hwang, J.K. (see Ramayya, A.V.) – 947
Hwang, Jai-chan; and Hyerim Noh – COBE Differential Microwave Radiometer Constraints on an Inflation Model with Nonminimal Scalar Field – 5274
Hwang, R.Q. (see Bartelt, M.C.) – 1901
 ____ (see Kiely, J.D.) – 4424
Hyatt, A.W. (see Whyte, D.G.) – 4392
Hyldgaard, Per (see Bogicevic, Alexander) – 172
- Iachello, F.; N.V. Zamfir, and R.F. Casten** – Phase Coexistence in Transitional Nuclei and the Interacting-Boson Model – 1191
Iavarone, M. (see DeWilde, Y.) – 492(E)
Ibbotson, R.W. (see Navin, A.) – 5089
Ichihara, E. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
Ichikawa, S. (see Ishii, T.) – 4100
Ida, K. (see Fujisawa, A.) – 2256
Idehara, T.; M. Pereyaslavets, N. Nishida, K. Yoshida, and I. Ogawa – Frequency Modulation in a Submillimeter-Wave Gyrotron – 1973
Idei, H. (see Fujisawa, A.) – 2256
Ieranò, Gianluigi (see Pacchioni, Gianfranco) – 377
Iguchi, H. (see Fujisawa, A.) – 2256
Iguchi, Kazumoto – Iguchi Replies – 2393(C)
Ihle, G. (see Vietze, U.) – 4628
Ihssen, H. (see Ackerstaff, K.) – 5519
Iio, K. (see Nakajima, N.) – 5229
IJsselsteijn, R.P.J. (see Il'ichev, E.) – 894
Ikeda, H. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Ikeda, Hiroaki; and Yoji Ohashi – Theory of Unconventional Spin Density Wave: A Possible Mechanism of the Micromagnetism in U-based Heavy Fermion Compounds – 3723
Ikeda, S. (see Maeno, Y.) – 3765
Ikeda, Susumu; Hidehiko Sugimoto, and Yasusada Yamada – Isotope Effects and Fermi Resonance in Hydrogen Bonds: A New Model – 5449
Ikeda, Takashi; Michiel Sprik, Kiyoyuki Terakura, and Michele Parrinello – Pressure Effects on Hydrogen Bonding in the Disordered Phase of Solid HBr – 4416
Ikegami, Hiroki; Ken Obara, Daisuke Ito, and Hidehiko Ishimoto – Competition of Multiple Spin Exchanges in Submonolayer Solid ^3He – 2478
Ikehata, T.; H. Tanaka, N.Y. Sato, and H. Mase – Persistent Spiral-Arm Structure of a Rotating Plasma in a Stationary Gas – 1853
Ikemoto, Isao (see Enoki, Toshiaki) – 3719
Il'ichev, E.; V. Zakosarenko, R.P.J. IJsselsteijn, V. Schultze, H.-G. Meyer, H.E. Hoenig, H. Hilgenkamp, and J. Mannhart – Nonsinusoidal Current-Phase Relationship of Grain Boundary Josephson Junctions in High- T_c Superconductors – 894
Illescas, Clara; and A. Riera – Erratum: Classical Outlook on the Electron Translation Factor Problem [Phys. Rev. Lett. **80**, 3029 (1998)] – 1350(E)
Imai, T.; K.R. Thurber, K.M. Shen, A.W. Hunt, and F.C. Chou – ^{17}O and ^{63}Cu NMR in Undoped and Hole Doped Cu_2O_3 Two-Leg Spin Ladder $\text{A}_{14}\text{Cu}_{24}\text{O}_{41}$ ($\text{A}_{14} = \text{La}_6\text{Ca}_8, \text{Sr}_{14}, \text{Sr}_{11}\text{Ca}_3$) – 220
 ____ **A.W. Hunt, K.R. Thurber, and F.C. Chou** – ^{17}O NMR Evidence for Orbital Dependent Ferromagnetic Correlations in Sr_2RuO_4 – 3006
Imamoğlu, A.; H. Schmidt, G. Woods, and M. Deutsch – Erratum: Strongly Interacting Photons in a Nonlinear Cavity [Phys. Rev. Lett. **79**, 1467 (1997)] – 2836(E)
Imlay, R. (see Athanassopoulos, C.) – 1774
Imori, M. (see Matsunaga, H.) – 4052
Imoto, Nobuyuki (see Koashi, Masato) – 4264
 ____ (see Koashi, Masato) – 5233
Incadela, J. (see Abe, F.) – 5513
Incagli, M. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Incandela, J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Inchiosa, M.E. (see Robinson, J.W.C.) – 2850
Inguscio, M. (see Modugno, G.) – 4790
Iñiguez, A.C. (see Piamonteze, C.) – 4652
Iñiguez, D. (see Bimonte, G.) – 750
Ino, A.; T. Mizokawa, K. Kobayashi, A. Fujimori, T. Sasagawa, T. Kimura, K. Kishio, K. Tamasaku, H. Eisaki, and S. Uchida – Doping Dependent Density of States and Pseudogap Behavior in $\text{La}_{2-x}\text{Sr}_x\text{CuO}_4$ – 2124
Ino, Kazusumi – Pairing Effects at the Edge of Paired Quantum Hall States – 1078
 ____ Persistent Edge Current in the Fractional Quantum Hall Effect – 5908
Inoue, K. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016

AUTHOR INDEX

- ____ (see Shiozawa, M.) – 3319
Inoue, N. (see Fujisawa, A.) – 2256
 ____ (see Takeda, M.) – 1163
Inouye, S. (see Stamper-Kurn, D.M.) – 500
 ____ (see Stamper-Kurn, D.M.) – 2194
Introzzi, G. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Iodice, M. (see Akerstaff, K.) – 5519
 ____ (see Niculescu, G.) – 1805
 ____ (see Onderwater, C.J.G.) – 2213
 ____ (see Spaltro, C.M.) – 2870
Ioffe, Alexander (see Wagh, Apoorva G.) – 1992
Iolin, E. (see Agamalian, M.) – 602
Iomin, A.; and S. Fishman – Driven Electrons on the Fermi Surface – 1921
Ion, D.B.; and M.L.D. Ion – Entropic Lower Bound for the Quantum Scattering of Spinless Particles – 5714
Ion, M.L.D. (see Ion, D.B.) – 5714
Iota, V.; and B.A. Weinstein – Effects of Pressure on the Zn Vacancy in ZnSe: Essential Role of Lattice Relaxation for a Basic C_{3v} Defect – 4955
Ippolitov, M. (see Aggarwal, M.M.) – 4087
Irges, Nikolaos (see Elwood, John K.) – 5064
Irwin, G.M. (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
Isaac, M.C. Perillo; Y.D. Chan, R. Clark, M.A. Deleplanque, M.R. Dragowsky, P. Fallon, I.D. Goldman, R-M. Larimer, I.Y. Lee, A.O. Macchiavelli, R.W. MacLeod, K. Nishiizumi, E.B. Norman, L.S. Schroeder, and F.S. Stephens – Search for Strange Matter by Heavy Ion Activation – 2416
Isambert, Hervé (see Ladoux, Benoit) – 3793
Isberg, Peter (see Sacchi, Maurizio) – 1521
Ishihara, K. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
Ishihara, N. (see Odaka, S.) – 2428
Ishii, K. (see Orihara, H.) – 3607
Ishii, M. (see Ishii, T.) – 4100
Ishii, T.; M. Asai, I. Hossain, P. Kleinheinz, M. Ogawa, A. Makishima, S. Ichikawa, M. Itoh, M. Ishii, and J. Blomqvist – The $(\nu g_{5/2}^2 \pi p_{3/2})_{19/2^-}$ Isomer in ^{71}Cu and the Prediction of its $E2$ Decay from the Shell Model – 4100
 ____ (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Ishimoto, Hidehiko (see Ikegami, Hiroki) – 2478
Ishino, H. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
Ishizuka, N. (see Aoki, S.) – 1778
 ____ (see Bernard, C.) – 4812
Ishizuka, T. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
Isobe, M. (see Fujisawa, A.) – 2256
 ____ (see Vasil'ev, A.N.) – 1949
Israeloff, N.E. (see Russell, E. Vidal) – 1461
Istratov, Andrei A.; Christoph Flink, Henry Hieslmair, Eicke R. Weber, and Thomas Heiser – Intrinsic Diffusion Coefficient of Interstitial Copper in Silicon – 1243
Itano, W.M. (see King, B.E.) – 1525
 ____ (see Turchette, Q.A.) – 3631
Ito, A.S. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Ito, Daisuke (see Ikegami, Hiroki) – 2478
Itoh, K. (see Fujisawa, A.) – 2256
 ____ (see Orihara, H.) – 3607
Itoh, M.; G.R. Bell, A.R. Avery, T.S. Jones, B.A. Joyce, and D.D. Vvedensky – Island Nucleation and Growth on Reconstructed GaAs(001) Surfaces – 633
 ____ (see Ishii, T.) – 4100
Itoh, Masaki (see Tanaka, Hiroshi) – 3727
Itoh, S.-I. (see Fujisawa, A.) – 2256
Itoh, Taichi; and Hiroshi Kato – Dynamical Generation of Fermion Mass and Magnetic Field in Three-Dimensional QED with Chern-Simons Term – 30
Itow, Y. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Itskovsky, M.A. (see Gordon, A.) – 2787
Ivanov, E.I. (see Adams, G.S.) – 5760
Ivanov, M.Yu. (see Sakai, Hirofumi) – 2217
Ivanov, Plamen Ch. (see Amaral, Luís A. Nunes) – 2388
Ivanov, V.V. (see Balestra, F.) – 4572
Iwai, J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Iwamoto, T. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Iwasaki, M. (see Abe, K.) – 942
Iwasaki, Y. (see Aoki, S.) – 1778
Iwase, A. (see Watt, R.G.) – 4644
Iwata, A. (see Yazaki, T.) – 3128
Iwata, Y. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Odaka, S.) – 2428
Iyengar, A.N.S. (see Chattopadhyay, P.K.) – 3151
Izen, J.M. (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Izotov, A. (see Akerstaff, K.) – 5519
Jaakkola, S. (see Safonov, A.I.) – 4545

- Jackson, C.** (see Niculescu, G.) – 1805
Jackson, D.J. (see Abe, K.) – 942
Jackson, H.E. (see Ackerstaff, K.) – 5519
 — (see Bochna, C.) – 4576
Jacobs, W.W. (see Balestra, F.) – 4572
Jacobsen, Jesper Lykke (see Kondev, Jané) – 2922
Jacques, P. (see Abe, K.) – 942
Jacquet, F. (see Amiranoff, F.) – 995
Jacquod, Philippe – Critical Spectral Statistics at the Metal-Insulator Transition in Interacting Fermionic Systems – 1913
Jaacks, D.H. (see McLaughlin, K.W.) – 289
Jaffe, D.E. (see Alam, M.S.) – 3328
 — (see Anderson, S.) – 3823
Jagutzki, O. (see Dörner, R.) – 5776
Jahnke, F. (see Kira, M.) – 3263
Jain, J.K. (see Park, K.) – 4200
Jain, Pankaj (see Ralston, John P.) – 26
Jain, Sanjay; and Sandeep Krishna – Autocatalytic Sets and the Growth of Complexity in an Evolutionary Model – 5684
Jain, V. (see Anderson, S.) – 3823
 — (see Bergfeld, T.) – 272
 — (see Browder, T.E.) – 1786
Jaksch, D.; C. Bruder, J.I. Cirac, C.W. Gardiner, and P. Zoller – Cold Bosonic Atoms in Optical Lattices – 3108
Jalabert, Rodolfo A. (see Schmitteckert, Peter) – 2308
James, C. (see Aitala, E.M.) – 44
James, Daniel F.V. – Theory of Heating of the Quantum Ground State of Trapped Ions – 317
James, E. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
 — (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
James, M.A. (see Roşu, M.F.) – 4680
Jamet, J.P. (see Aign, T.) – 5656
Janaki, M.S. (see Dasgupta, B.) – 3144
Jang, Z.H. (see Lascialfari, A.) – 3773
Janicek, R. (see Alam, M.S.) – 3328
 — (see Anderson, S.) – 3823
 — (see Bergfeld, T.) – 272
 — (see Browder, T.E.) – 1786
Janik, Romuald A.; Maciej A. Nowak, Gábor Papp, and Ismail Zahed – Chiral Disorder in QCD – 264
Jankó, Boldizsár (see Chen, Qijin) – 4708
Jankowski, Karol (see Kowalski, Karol) – 1195
Janmey, Paul A. (see Lyubartsev, Alexander P.) – 5465
Jannakos, T. (see Armbruster, B.) – 520
Jans, E. (see Onderwater, C.J.G.) – 2213
 — (see Spaltro, C.M.) – 2870
Jansen, A.G.M. (see Schmidt, T.) – 3928
 — (see Tsoi, M.) – 493(E)
Jansons, Kalvis M.; and G.D. Lythe – Stochastic Stokes Drift – 3136
Janssen, Martin; Boris Shapiro, and Imre Varga – Comment on “Critical Behavior in Disordered Quantum Systems Modified by Broken Time-Reversal Symmetry” – 3048(C)
Janssens, R.V.F. (see Rehm, K.E.) – 3341
Jaques, J. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
Jaros, J.A. (see Abe, K.) – 942
 — (see Prinz, A.A.) – 1175
Jarrold, Martin F. (see Shvartsburg, Alexandre A.) – 4616
Jauho, A.-P. (see Nordstrom, K.B.) – 457
Jauslin, H.R. (see Chandre, C.) – 5125
Javanainen, Juha; and Martin Wilkens – Javanainen and Wilkens Reply – 1345(C)
Jeandupeux, O. (see Bürgi, L.) – 5370
Jedamzik, Karsten (see Rehm, Jan B.) – 3307
Jedicke, R. (see Alves, G.A.) – 1537(E)
Jegoudez, J. (see Damascelli, A.) – 918
Jelila, F.S.; J-P Maneval, F-R Ladan, F. Chibane, A. Marie-de-Ficquelmont, L. Méchin, J-C Villégier, M. Aprili, and J. Lesueur – Time of Nucleation of Phase-Slip Centers in $\text{YBa}_2\text{Cu}_3\text{O}_7$ Superconducting Bridges – 1933
Jena, P. (see Nayak, S.K.) – 2970
Jenks, C.J. (see Stoldt, C.R.) – 2950
Jennewein, Thomas (see Weihs, Gregor) – 5039
Jensen, H. (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
Jensen, Henrik Jeldtoft (see López, Juan M.) – 1734
Jensen, M.J. (see Pedersen, H.B.) – 5302
Jensen, S. Juul; M. Schwab, and C. Denz – Manipulation, Stabilization, and Control of Pattern Formation Using Fourier Space Filtering – 1614
Jeong, Sukmin; and Atsushi Oshiyama – Structural Stability and Adatom Diffusion at Steps on Hydrogenated Si(100) Surfaces – 5366
Jerger, S.A. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
Jernigan, T.C. (see Whyte, D.G.) – 4392
Jérôme, D. (see Zwick, F.) – 2974
Jesik, R. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
Jessop, C.P. (see Alam, M.S.) – 3328
 — (see Anderson, S.) – 3823
 — (see Bergfeld, T.) – 272
 — (see Browder, T.E.) – 1786
Jevicki, Antal; Yoichi Kazama, and Tamiaki Yoneya – Quantum Metamorphosis of a Conformal Transformation in D3-Brane Yang-Mills Theory – 5072
Jgoun, A. (see Ackerstaff, K.) – 5519
Jiang, C.H. (see Bai, J.Z.) – 1179
 — (see Bai, J.Z.) – 3091
 — (see Bai, J.Z.) – 5080
Jiang, C.L. (see Rehm, K.E.) – 3341
Jiang, J.Z.-Y. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
Jiang, Nan; and D.M. Schrader – Positronic Water, Ps_2O – 5113
Jiang, Z.X.; B.D. McCombe, and Pawel Hawrylak – Donor Impurities as a Probe of Electron Correlations in a Two-Dimensional Electron Gas in High Magnetic Fields – 3499
Jiang, Z.Y. (see Abe, K.) – 942
Jin, D.S. (see Matthews, M.R.) – 243
Jin, Y. (see Bai, J.Z.) – 1179
 — (see Bai, J.Z.) – 3091
 — (see Bai, J.Z.) – 5080
Joets, A.; M. Monastyrsky, and R. Ribotta – Ensembles of Singularities Generated by Surfaces with Polyhedral Symmetry – 1547
Joffe-Minor, T. (see Abbott, B.) – 38

AUTHOR INDEX

- ____ (see Abbott, B.) – 524
- Johannesson, H.** (see Zvyagin, A.A.) – 2751
- Johansson, B.** (see Simak, S.I.) – 188
- Johansson, Börje** (see Fast, Lars) – 2978
- Johansson, C.** (see Hanson, M.) – 735(C)
- Johns, K.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Johnsen, K.** (see Nordstrom, K.B.) – 457
- Johnson, A.S.** (see Abe, K.) – 942
- Johnson, E.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Johnson, J.R.** (see Abe, K.) – 942
- Johnson, K.S.; M. Drndic, J.H. Thywissen, G. Zabow, R.M. Westervelt, and M. Prentiss** – Atomic Deflection Using an Adaptive Microelectromagnet Mirror – 1137
- Johnson, M.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Johnson, R.A.** (see Abe, K.) – 942
- ____ (see Kim, J.H.) – 3595
- Johnson, William L.** (see Tang, X.-P.) – 5358
- Johnston, K.** (see Athanassopoulos, C.) – 1774
- Johnstone, C.** (see Apanasevich, L.) – 2642
- Jolivet, P.L.** (see Kolata, J.J.) – 4580
- Jonason, K.; E. Vincent, J. Hammann, J.P. Bouchaud, and P. Nordblad** – Memory and Chaos Effects in Spin Glasses – 3243
- Jonckheere, A.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Jonckheere, Thibaut; Benoît Grémaud, and Dominique Delande** – Spectral Properties of Nonhydrogenic Atoms in Weak External Fields – 2442
- Jones, B.A.** (see Castro Neto, A.H.) – 3531
- ____ (see de Andrade, M.C.) – 5620
- Jones, C.D.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Jones, D.E.** (see Pelz, J.P.) – 5473(C)
- Jones, I.R.; Chuanbao Deng, I.M. El-Fayoumi, and P. Euripides** – Operation of the Rotamak as a Spherical Tokamak: The Flinders Rotamak-ST – 2072
- Jones, K.L.** (see Longour, C.) – 3337
- Jones, M.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Jones, P.B.** – Strong Interaction of Vortices with Attractive Point Defects, and Application to Neutron Star Rotation – 4560
- Jones, R.** (see Öberg, S.) – 2930
- Jones, R.A.L.** (see Sferrazza, M.) – 5173
- Jones, R.R.** (see Bensky, T.J.) – 3112
- Jones, S.; and D. H. Madison** – Evidence of Initial-State Two-Center Effects for ($e, 2e$) Reactions – 2886
- Jones, T.S.** (see Itoh, M.) – 633
- Jonson, M.** (see Gorelik, L.Y.) – 2538
- Jonsson, O.** (see Ericson, T.E.O.) – 5254(C)
- Jonsson, T.; P. Svedlindh, and M.F. Hansen** – Static Scaling on an Interacting Magnetic Nanoparticle System – 3976
- Jorzick, J.** (see Mathieu, C.) – 3968
- Joshi, C.** (see Clayton, C.E.) – 100
- ____ (see Wharton, K.B.) – 822
- ____ (see Wharton, K.B.) – 2248
- Joshi, U.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Jost, Bradley M.; Abdul-Azeez R. Al-Rashed, and Bahaa E.A. Saleh** – Observation of the Goos-Hänchen Effect in a Phase-Conjugate Mirror – 2233
- Jöstlein, H.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Joukou, S.** (see Hatakeyama, S.) – 2016
- Jourdan, M.** (see Bernhoeft, N.) – 3419
- Jovanović, Božidar; and Ziqiang Wang** – Conductance Correlations near Integer Quantum Hall Transitions – 2767
- Joyce, B.A.** (see Itoh, M.) – 633
- Joyce, J.J.** (see Arko, A.J.) – 1348(C)
- Jozsa, Richard; Michał Horodecki, Paweł Horodecki, and Ryszard Horodecki** – Universal Quantum Information Compression – 1714
- Judd, E.** (see Ahle, L.) – 2650
- Julienne, Paul S.** (see Leo, Paul J.) – 1389
- Jun, S.Y.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Jung, C.K.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- ____ (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Jung, Ch.; B. Huke, and M. Lücke** – Subharmonic Bifurcation Cascade of Pattern Oscillations Caused by Winding Number Increasing Entrainment – 3651
- Jung, J.H.** (see Kim, K.H.) – 1517
- ____ (see Kim, K.H.) – 4983
- Jung, M.; R.W. Dunford, D.S. Gemmell, E.P. Kanter, B. Krässig, T.W. LeBrun, S.H. Southworth, L. Young, J.P.J. Carney, L. LaJohn, R.H. Pratt, and P.M. Bergstrom, Jr.** – Manifestations of Nonlocal Exchange, Correlation, and Dynamic Effects in X-Ray Scattering – 1596
- Jungen, Ch.** (see Texier, F.) – 4329
- Jünger, P.** (see Armbruster, B.) – 520
- Jungwirth, T.; S.P. Shukla, L. Smrčka, M. Shayegan, and A.H. MacDonald** – Magnetic Anisotropy in Quantum Hall Ferromagnets – 2328
- ____ (see MacDonald, A.H.) – 705
- Junk, T.** (see Abe, K.) – 942
- Just, Wolfram; Dirk Reckwerth, Johannes Möckel, Ekkehard Reibold, and Hartmut Benner** – Delayed Feedback Control of Periodic Orbits in Autonomous Systems – 562
- Kabos, Pavel** (see Xia, Hua) – 449
- Kachaev, I.** (see Adams, G.S.) – 5760
- Kadlecek, Steven** (see Leo, Paul J.) – 1389
- Kadota, K.** (see Takeda, M.) – 1163
- Kadowaki, K.** (see Lee, S.L.) – 5209
- Kagan, H.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Kagan, L.M.** (see Frolov, V.L.) – 1630
- Kagan, Yu.; A.E. Muryshev, and G.V. Shlyapnikov** – Collapse and Bose-Einstein Condensation in a Trapped Bose Gas with Negative Scattering Length – 933
- ____ (see Burin, A.L.) – 2395(E)
- Kaganer, V.M.; G. Brezesinski, H. Möhwald, P.B. Howes, and K. Kjaer** – Positional Order in Langmuir Monolayers – 5864

- Kageshima, Hiroyuki; and Kenji Shiraishi** – First-Principles Study of Oxide Growth on Si(100) Surfaces and at SiO₂/Si(100) Interfaces – 5936
- Kageshima, Masami** (see Nishiguchi, Tetsuya) – 3187
- Kageya, T.** (see Blinov, B.B.) – 2906
- Kahn, S.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Kai, Shoichi** (see Yamazaki, Hideki) – 4112
- Kaiser, R.** (see Ackerstaff, K.) – 5519
- Kaiser, S.** (see Stoll, O.M.) – 2994
- Kajfasz, E.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Kajikawa, R.** (see Abe, K.) – 942
- Kajita, T.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
- Kakimoto, F.** (see Takeda, M.) – 1163
- Kakizaki, A.** (see Strocov, V.N.) – 4943
- Kakuno, H.** (see Yoshida, Z.) – 2458
- Kalantar-Nayestanaki, N.** (see Onderwater, C.J.G.) – 2213
- Kalbfleisch, G.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Kalechofsky, H.** (see Aggarwal, M.M.) – 4087
- Kalelkar, M.** (see Abe, K.) – 942
- Kalff, Matthias; George Comsa, and Thomas Michely** – How Sensitive is Epitaxial Growth to Adsorbates? – 1255
- Kalki, K.** (see Tober, E.D.) – 1897
- Kallosch, Renata** (see Claus, Piet) – 4553
- Kaloshia, I.I.** (see Petrov, E.P.) – 77
- Kamada, H.** (see Spaltro, C.M.) – 2870
 ____ (see Witala, H.) – 1183
- Kamal, Saeid** (see Hosseini, A.) – 1298
- Kamata, K.** (see Takeda, M.) – 1163
- Kambara, H.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Kamber, E.** (see Abdallah, M.A.) – 3627
- Kameda, J.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Kamenev, A.** (see Andreev, A.V.) – 3199
- Kameneva, M.Yu.** (see Lavrov, A.N.) – 5636
- Kammermans, R.** (see Aggarwal, M.M.) – 4087
- Kaminker, A.D.** (see Baiko, D.A.) – 5556
- Kamins, T.I.** (see Kolosov, Oleg V.) – 1046
- Kaminski, A.; I.L. Aleiner, and L.I. Glazman** – Mesoscopic Charge Fluctuations in the Coulomb Blockade Regime – 685
- Kamon, T.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5754
- Kampert, K.-H.** (see Aggarwal, M.M.) – 4087
- Kampf, A.P.** (see Wellein, G.) – 3956
- Kamurai, H.** (see Orihara, H.) – 3607
- Kamyshkov, Y.** (see Abe, K.) – 942
- Kan, S.C.** (see Zhang, Z.Q.) – 5540
- Kanada-En'yo, Y.** – Variation after Angular Momentum Projection for the Study of Excited States Based on Antisymmetrized Molecular Dynamics – 5291
- Kanaya, K.** (see Aoki, S.) – 1778
- Kanaya, Y.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Kanayama, T.** (see Watanabe, M.O.) – 5362
- Kandaswamy, J.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Kandel, Daniel** (see Liu, Da-Jiang) – 2743
- Kane, J.R.** (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
- Kaneko, Kunihiro** (see Shibata, Tatsuo) – 4116
- Kaneko, T.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Kanematsu, N.** (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
- Kaneyuki, K.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
- Kang, H.J.** (see Abe, K.) – 942
- Kang, J.** (see Ahle, L.) – 2650
- Kang, J.S.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Kang, W.** (see Cho, H.) – 2522
- Kanorsky, S.; S. Lang, T. Eichler, K. Winkler, and A. Weis** – Quadrupolar Deformations of Atomic Bubbles in Solid ⁴He – 401
- Kantelhardt, Jan W.; Armin Bunde, and Ludwig Schweitzer** – Extended Fractons and Localized Phonons on Percolation Clusters – 4907
- Kanter, E.P.** (see Jung, M.) – 1596
- Kantz, Holger** (see Hegger, Rainer) – 558
- Kanzaki, J.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Odaka, S.) – 2428
 ____ (see Shiozawa, M.) – 3319
- Kapitulnik, A.** (see Kostic, P.) – 2498
- Kaplan, L.** – Semiclassical Dynamical Localization and the Multiplicative Semiclassical Propagator – 3371
- Kaplan, Theodore** (see Barvosa-Carter, William) – 1445

AUTHOR INDEX

- Kapon, Eli** (see Biasiol, Giorgio) – 2962
- Kapoor, V.** (see Apanasevich, L.) – 2642
- Kara, Abdelkader; and Talat S. Rahman** – Vibrational Properties of Metallic Nanocrystals – 1453
- Karabashev, S. G.** (see Ghosh, K.) – 4740
- Karadjev, K.** (see Aggarwal, M. M.) – 4087
- Karchin, P. E.** (see Alves, G. A.) – 1537(E)
- Karim, A.** (see Xie, R.) – 1251
- Karim, Alamgir** (see Ermi, Brett D.) – 3900
- Karis, O.** (see Föhlisch, A.) – 1730
- Karlin, Iliya V.; Alexander N. Gorban, S. Succi, and V. Boffi** – Maximum Entropy Principle for Lattice Kinetic Equations – 6
- Karliner, I.** (see Abe, K.) – 942
- ____ (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Karma, Alain; and Mathis Plapp** – Spiral Surface Growth without Desorption – 4444
- ____ (see Fenton, Flavio) – 481
- Karmanov, D.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Karmgard, D.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Karpio, K.** (see Aggarwal, M. M.) – 4087
- Karr, K.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Karra, G.; and R. J. Rivers** – Reexamination of Quenches in ^4He (and ^3He) – 3707
- Karremans, K.; W. Vassen, and W. Hogervorst** – Observation of the Transition to Chaos in the Level Statistics of Diamagnetic Helium – 4843
- Karutz, F. O.; J. U. von Schütz, H. Wachtel, and H. C. Wolf** – Optically Reversed Peierls Transition in Crystals of $\text{Cu}(\text{dicyanoquinonedimimine})_2$ – 140
- Karwowski, H. J.** (see Veal, K. D.) – 1187
- Kasahara, S.** (see von Busch, H.) – 4584
- Kasdorp, W. J.** (see Spaltro, C. M.) – 2870
- Kasdorp, W.-J.** (see Onderwater, C. J. G.) – 2213
- Kase, K.** (see Prinz, A. A.) – 1175
- Kasemo, B.** (see Zhdanov, V. P.) – 2482
- Kasemo, Bengt** (see Chakarov, Dinko) – 5181
- Kasevich, M. A.** (see Snadden, M. J.) – 971
- Kasha, H.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Kasner, M.** (see MacDonald, A. H.) – 705
- Kasper, P. A.** (see Aitala, E. M.) – 44
- Kass, R.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Kassapakis, N. G.** (see Tatarakis, M.) – 999
- Kassühlke, B.; R. Romberg, P. Averkamp, and P. Feulner** – Substrate Mediated Suppression of Postcollision Interaction Effects – 2771
- Kastner, M. A.** (see Goldhaber-Gordon, D.) – 5225
- Kästner, Martin** (see Voigtländer, Bert) – 858
- Kastrup, H. A.** – Exact Partition Functions for the Primitive Droplet Nucleation Model in Two and Three Dimensions – 2280
- Kasuga, S.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Hatakeyama, S.) – 2016
- ____ (see Shiozawa, M.) – 3319
- Katayama, T.** (see Nakajima, N.) – 5229
- Kato, Hiroshi** (see Itoh, Taichi) – 30
- Kato, S.** (see Aggarwal, M. M.) – 4087
- Kato, Takako** (see More, Richard) – 814
- Kato, Y.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Kato, Yusuke** – Hole Dynamics of the One-Dimensional Supersymmetric t - J Model with a Long-Range Interaction: An Exact Result – 5402
- Katsouleas, T.** (see Chiou, T. C.) – 3411
- Katsov, Kirill** (see Weeks, John D.) – 4400
- Katsumata, K.** (see Honda, Z.) – 2566
- ____ (see Satooka, J.) – 709
- Katzer, D. S.** (see Bonadeo, N. H.) – 2759
- Kavoulakis, G. M.; C. J. Pethick, and H. Smith** – Relaxation Processes in Clouds of Trapped Bosons above the Bose-Einstein Condensation Temperature – 4036
- Kawaguchi, S.** (see Takeda, M.) – 1163
- Kawahara, H.** (see Abe, K.) – 942
- Kawakami, R. K.** (see Escorcia-Aparicio, Ernesto J.) – 2144
- Kawami, K.** (see Orihara, H.) – 3607
- Kawanowa, H.; R. Souda, S. Otani, and Y. Gotoh** – Structure Analysis of a Graphitic Boron Layer at the $\text{TaB}_2(0001)$ Surface – 2264
- Kawasaki, Y.** (see Takeda, M.) – 1163
- Kawashima, N.** (see Pich, C.) – 5916
- Kawasumi, N.** (see Takeda, M.) – 1163
- Kawasuso, A.; and S. Okada** – Reflection High Energy Positron Diffraction from a $\text{Si}(111)$ Surface – 2695
- Kawata, H.** (see Murakami, Y.) – 582
- Kawazoe, Y.** (see Parlinski, K.) – 3298(C)
- Kawazoe, Yoshiyuki** (see Ohtsuki, Tsutomu) – 967
- Kawazu, Akira** (see Nishiguchi, Tetsuya) – 3187
- Kaxiras, Efthimios** (see Antonelli, A.) – 2088
- Kazama, Yoichi** (see Jevicki, Antal) – 5072
- Kazansky, P. G.** (see Cabrillo, C.) – 4361
- Ke, Z. J.** (see Bai, J. Z.) – 1179
- ____ (see Bai, J. Z.) – 3091
- ____ (see Bai, J. Z.) – 5080
- Keaffaber, T. A.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742

- _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Kearns, E. (see Fukuda, Y.) – 1158
 _____ (see Fukuda, Y.) – 1562
 _____ (see Fukuda, Y.) – 4279(E)
 _____ (see Shiozawa, M.) – 3319
Kébaïli, N. (see Bréchnignac, C.) – 4612
Keck, R. (see Murphy, T.J.) – 108
Kees, S. (see Aggarwal, M.M.) – 4087
Kehoe, R. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
Kehrein, Stefan – Density of States near the Mott-Hubbard Transition in the Limit of Large Dimensions – 3912
Keig, W.E. (see Fukuda, Y.) – 1158
 _____ (see Fukuda, Y.) – 1562
 _____ (see Fukuda, Y.) – 4279(E)
 _____ (see Shiozawa, M.) – 3319
Kella, D. (see Pedersen, H.B.) – 5302
Kellay, H. (see Greffier, O.) – 3860
Keller, H. (see Lee, S.L.) – 5209
 _____ (see Willemin, M.) – 4236
Keller, Hans-Martin (see Hildebrandt, Ralf) – 5548
Keller, S.L.; W.H. Pitcher III, W.H. Huestis, and H.M. McConnell – Red Blood Cell Lipids Form Immiscible Liquids – 5019
Kelley, K. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Kellman, A.G. (see Whyte, D.G.) – 4392
Kellogg, G.L. (see Hannon, J.B.) – 4676
 _____ (see Hannon, J.B.) – 5474(C)
Kelly, M.L. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
Kelly, M.P. (see Lestone, J.P.) – 4776(C)
Kelsall, N. (see Longour, C.) – 3337
Kelsey, M.H. (see Bai, J.Z.) – 3091
 _____ (see Bai, J.Z.) – 5080
Kemp, Josh P.; and Zheng Yu Chen – Formation of Helical States in Wormlike Polymer Chains – 3880
Kemper, K.W. (see Veal, K.D.) – 1187
Kempgens, B. (see Kivimäki, A.) – 301
Kendziora, C. (see DeWilde, Y.) – 492(E)
Kenkre, V.M. (see Novikov, S.V.) – 4472
Kennedy, C. (see Alves, G.A.) – 1537(E)
Kennedy, R.D. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Kent, Adrian – Kent Replies – 1982(C)
 – Entangled Mixed States and Local Purification – 2839
Kentischer, F. (see Macdonald, R.) – 4408
Kephart, R. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Keppel, C. (see Niculescu, G.) – 1805
Keppel, C.E. (see Bochna, C.) – 4576
Keppeler, Stefan (see Bolte, Jens) – 1987
Kerman, Andrew J. (see Vuletić, Vladan) – 5768
Kern, K. (see Bürgi, L.) – 5370
Kern, M. (see Kolata, J.J.) – 4580
Kern, W. (see Adams, G.S.) – 5760
Kerner, B.S. – Experimental Features of Self-Organization in Traffic Flow – 3797
Kes, P.H. (see Nideröst, M.) – 3231
Kestenbaum, D. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Ketterle, W. (see Stamper-Kurn, D.M.) – 500
 _____ (see Stamper-Kurn, D.M.) – 2194
Ketterling, Jeffrey A.; and Robert E. Apfel – Experimental Validation of the Dissociation Hypothesis for Single Bubble Sonoluminescence – 4991
Keung, Wai-Yee (see Bowser-Chao, David) – 2028
Kevrekidis, I.G. (see Glasser, B.J.) – 1849
Key, M.H. (see Hall, T.A.) – 1003
 _____ (see Wharton, K.B.) – 822
Khabibrakhmanov, I. (see Smolyakov, A.I.) – 4871
Khandaker, M.A. (see Bochna, C.) – 4576
Khandelwal, P.; N.N. Kuzma, S.E. Barrett, L.N. Pfeiffer, and K.W. West – Optically Pumped Nuclear Magnetic Resonance Measurements of the Electron Spin Polarization in GaAs Quantum Wells near Landau Level Filling Factor $\nu = \frac{1}{3}$ – 673
Khanna, Rajesh (see Sharma, Ashutosh) – 3463
Kharzeev, D. (see Vance, S.E.) – 2205
Kharzeev, Dmitri; Robert D. Pisarski, and Michel H.G. Tytgat – Possibility of Spontaneous Parity Violation in Hot QCD – 512
Khavin, Yu.B.; M.E. Gershenson, and A.L. Bogdanov – Decoherence and the Thouless Crossover in One-Dimensional Conductors – 1066
Khazins, D. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Kheifets, Anatoli S.; and Igor Bray – Calculation of Circular Dichroism in Helium Double Photoionization – 4588
Khemliche, H.; T. Schlathölter, R. Hoekstra, R. Morgenstern, and S. Schippers – Hollow Atom Dynamics on LiF Covered Au(111): Role of the Surface Electronic Structure – 1219
Kheruntsyan, K.V. (see Drummond, P.D.) – 3055
Khlebnikov, S.; L. Kofman, A. Linde, and I. Tkachev – First-Order Nonthermal Phase Transition after Preheating – 2012
Khodel, V.A.; V.V. Khodel, and J.W. Clark – Universalities of Triplet Pairing in Neutron Matter – 3828

AUTHOR INDEX

- Khodel, V.V.** (see Khodel, V.A.) – 3828
Khodinov, A. (see Emel'yanov, V.) – 1801
Khomskii, D.I. (see Vasil'ev, A.N.) – 1949
Khomskii, Daniel I. (see Pati, Swapan K.) – 5406
Khurgin, Jacob B.; and Paul Voisin – Permanent Dipole Contribution to the Linear Electro-optic Effect and Valence Band Dispersion in Zinc-Blende Semiconductors – 3777
Kiang, C.-H.; M. Endo, P.M. Ajayan, G. Dresselhaus, and M.S. Dresselhaus – Size Effects in Carbon Nanotubes – 1869
Kibayashi, A. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Kielczewska, D. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Kiely, J.D.; R.Q. Hwang, and J.E. Houston – Effect of Surface Steps on the Plastic Threshold in Nanoindentation – 4424
Kietzmann, H.; R. Rochow, G. Ganteför, W. Eberhardt, K. Vietze, G. Seifert, and P.W. Fowler – Electronic Structure of Small Fullerenes: Evidence for the High Stability of C₃₂ – 5378
Kievsky, A. (see Viviani, M.) – 1580
Kihara, K. (see Hatakeyama, S.) – 2016
Kikuchi, Koichi (see Enoki, Toshiaki) – 3719
Kikuchi, R. (see Odaka, S.) – 2428
Kikuchi, T. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Kikutani, Tomoyuki (see Yamada, Syoji) – 5422
Kilfoil, M.L. (see Callaghan, P.T.) – 4524
Killian, Thomas C.; Dale G. Fried, Lorenz Willmann, David Landhuis, Stephen C. Moss, Thomas J. Greytak, and Daniel Kleppner – Cold Collision Frequency Shift of the 1S-2S Transition in Hydrogen – 3807
 ____ (see Fried, Dale G.) – 3811
Kilvington, I. (see Ajaka, J.) – 1797
Kim, B.J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Kim, B.K. (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
 ____ (see Fukuda, Y.) – 1562
Kim, C.L. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Kim, C.S. (see Lee, S.) – 3479
Kim, D. (see Lee, H.Y.) – 1130
Kim, D.Y.-J. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Kim, E.-J. (see Ahle, L.) – 2650
Kim, G.H. (see Liang, C.-T.) – 3507
Kim, H. (see Aggarwal, M.M.) – 4087
Kim, H.J. (see Athanassopoulos, C.) – 1774
Kim, H.S. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Kim, H.-J. (see Park, J.-H.) – 1953
Kim, J.H.; D.A. Harris, C.G. Arroyo, L. de Barbaro, P. de Barbaro, A.O. Bazarko, R.H. Bernstein, A. Bodek, T. Bolton, H. Budd, J. Conrad, R.A. Johnson, B.J. King, T. Kinnel, M.J. Lamm, W.C. Lefmann, W. Marsh, K.S. McFarland, C. McNulty, S.R. Mishra, D. Naples, P.Z. Quintas, A. Romosan, W.K. Sakumoto, H. Schellman, F.J. Sciulli, W.G. Seligman, M.H. Shaevitz, W.H. Smith, P. Spentzouris, E.G. Stern, M. Vakili, U.K. Yang, and J. Yu – Measurement of $\alpha_s(Q^2)$ from the Gross-Llewellyn Smith Sum Rule – 3595
Kim, J.S. (see Kromer, F.) – 4476
Kim, K.H.; J.H. Jung, and T.W. Noh – Polaron Absorption in a Perovskite Manganite La_{0.7}Ca_{0.3}MnO₃ – 1517
 ____ **J.H. Jung, D.J. Eom, T.W. Noh, Jaejun Yu, and E.J. Choi** – Scaling Behavior of Spectral Weight Changes in Perovskite Manganites La_{0.7-y}Pr_yCa_{0.3}MnO₃ – 4983
Kim, P.C. (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Kim, S.B. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Kim, S.H. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Kim, S.K. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Kim, Seung-Yeon; and Richard J. Creswick – Yang-Lee Zeros of the Q-State Potts Model in the Complex Magnetic Field Plane – 2000
Kim, W. (see Niculescu, G.) – 1805
Kim, Y.D. (see Abe, K.) – 942
 ____ (see Bhang, H.) – 4321
Kim, Y.K. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Kimura, A. (see Strocov, V.N.) – 4943
Kimura, Kenji; Gou Andou, and Kaoru Nakajima – Enhancement of the Secondary-Electron Production Process in Front of Insulator Surfaces – 5438
Kimura, N. (see Sumiyama, A.) – 5213
Kimura, T.; Y. Tomioka, A. Asamitsu, and Y. Tokura – Anisotropic Magnetoelastic Phenomena in Layered Manganite Crystals: Implication of Change in Orbital State – 5920
 ____ (see Heffner, R.H.) – 1706

- (see Ino, A.) – 2124
 — (see Okuda, T.) – 3203
Kinebuchi, T. (see Fukuda, Y.) – 1158
 — (see Fukuda, Y.) – 4279(E)
 — (see Shiozawa, M.) – 3319
King, B.E.; C.S. Wood, C.J. Myatt, Q.A. Turchette, D. Leibfried, W.M. Itano, C. Monroe, and D.J. Wineland – Cooling the Collective Motion of Trapped Ions to Initialize a Quantum Register – 1525
 — (see Turchette, Q.A.) – 3631
King, B.J. (see Kim, J.H.) – 3595
King, E. (see Adams, G.S.) – 5760
King, M.E. (see Abe, K.) – 942
King, R. (see Abe, K.) – 942
Kinnel, T. (see Kim, J.H.) – 3595
Kinney, E. (see Ackerstaff, K.) – 5519
Kinney, E.R. (see Bochna, C.) – 4576
Kino, K. (see Niculescu, G.) – 1805
Kinoshita, K. (see Alam, M.S.) – 3328
 — (see Anderson, S.) – 3823
 — (see Bergfeld, T.) – 272
 — (see Browder, T.E.) – 1786
Kinross-Wright, J. (see Hogan, M.J.) – 4867
Kinross-Wright, J.M. (see Nguyen, D.C.) – 810
Kipp, L. (see Gawlik, K.-U.) – 1536(C)
Kira, M.; F. Jahnke, and S.W. Koch – Microscopic Theory of Excitonic Signatures in Semiconductor Photoluminescence – 3263
Kircher, O.; B. Schiener, and R. Böhmer – Long-Lived Dynamic Heterogeneity in a Relaxor Ferroelectric – 4520
Kirczenow, George (see Emberly, Eldon) – 5205
 — (see Rego, Luis G.C.) – 232
 — (see Rego, Luis G.C.) – 5038(C)
Kiriukhin, S. (see Conrad, E.H.) – 3175
Kirkwood, R.K. (see Wharton, K.B.) – 2248
Kirsch, L. (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
Kirschner, J. (see Berakdar, J.) – 3535
 — (see Herrmann, R.) – 2148
Kirtley, J.R.; K.A. Moler, G. Villard, and A. Maignan – *c*-Axis Penetration Depth of Hg-1201 Single Crystals – 2140
Kiselev, V.G.; and S. Posse – Analytical Theory of Susceptibility Induced NMR Signal Dephasing in a Cerebrovascular Network – 5696
Kishimoto, T. (see Bhang, H.) – 4321
Kishio, K. (see Ino, A.) – 2124
 — (see Nessler, W.) – 4480
Kisselev, A. (see Ackerstaff, K.) – 5519
Kitaguchi, Y. (see Fukuda, Y.) – 1158
 — (see Fukuda, Y.) – 4279(E)
 — (see Shiozawa, M.) – 3319
Kitamura, H. (see Takeda, M.) – 1163
Kitching, P. (see Ackerstaff, K.) – 5519
Kivimäki, A.; K. Maier, U. Hergenbahn, M.N. Piancastelli, B. Kempgens, A. Rüdél, and A.M. Bradshaw – Subnatural Linewidths in Core Level Excitation Spectra – 301
Kiyan, I.Yu.; U. Berzins, D. Hanstorp, and D.J. Pegg – Series of Doubly Excited Quartet States of He⁺ – 2874
Kizilyalli, I.C. (see Wang, W.) – 4224
Kizuka, Tokushi – Atomic Process of Point Contact in Gold Studied by Time-Resolved High-Resolution Transmission Electron Microscopy – 4448
Kjaer, K. (see Kaganer, V.M.) – 5864
Kladko, Konstantin (see Mitkov, Igor) – 5453
Klafter, J. (see Barkai, E.) – 1134(C)
 — (see Zaloj, V.) – 1227
 Klappauf, B.G.; W.H. Oskay, D.A. Steck, and M.G. Raizen – Observation of Noise and Dissipation Effects on Dynamical Localization – 1203
 — **W.H. Oskay, D.A. Steck, and M.G. Raizen** – Experimental Study of Quantum Dynamics in a Regime of Classical Anomalous Diffusion – 4044
Klar, D. (see Schramm, A.) – 778
Kleerorin, Nathan (see Elperin, Tov) – 2898
Kleifges, M. (see Armbruster, B.) – 520
Klein, A. (see Bochna, C.) – 4576
Klein, F.; E.W. Otten, H. Schmieden, and Th. Walcher – Comment on “Comparison of Polarization Observables in Electron Scattering from the Proton and Deuteron” – 2831(C)
Klein, L. (see Godbert-Mouret, L.) – 5568
 — (see Kostic, P.) – 2498
Klein, R. (see Brilliantov, N.V.) – 1433
Klein, S.R. (see Emel'yanov, V.) – 1801
Kleinfeller, J. (see Armbruster, B.) – 520
Kleinheinz, P. (see Ishii, T.) – 4100
Kleman, M. (see Mahjoub, H.F.) – 2076
Kleppner, Daniel (see Fried, Dale G.) – 3811
 — (see Haggerty, M.R.) – 1592
 — (see Killian, Thomas C.) – 3807
Kley, A. (see Shkrebtii, A.I.) – 721
Klima, B. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
Klimenko, S. (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
Klingshirm, C. (see Giessen, H.) – 4260
Klitzing, K.v. (see Schmidt, T.) – 3928
 — (see Wei, Y.Y.) – 1674
Klomp, R.A.M. (see Rentmeester, M.C.M.) – 5253(C)
Klopfenstein, C. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
Klotz, S.; M. Braden, and J.M. Besson – Is There an Electronic Topological Transition in Zinc under High Pressure? – 1239
 — (see Nelmes, R.J.) – 2719
Klug, D.D. (see Tse, J.S.) – 2466
Klugkist, P.; K. Rätzke, and F. Faupel – Evidence of Defect-Mediated Zirconium Self-Diffusion in Amorphous Co₉₂Zr₈ – 614
Klümper, A.; and A.A. Zvyagin – Exact Thermodynamics of Disordered Impurities in Quantum Spin Chains – 4975
Klymachyov, A. (see Dalal, N.) – 5924
Knapp, B.C. (see Reyes, M.A.) – 4079
Knauer, J.P. (see Murphy, T.J.) – 108
 — (see Smalyuk, V.A.) – 5342
 — (see Watt, R.G.) – 4644
Kner, P.; W. Schäfer, R. Löwenich, and D.S. Chemla – Coherence of Four-Particle Correlations in Semiconductors – 5386
Kniehl, Bernd A.; and Alberto Sirlin – Differences between the Pole and On-Shell Masses and Widths of the Higgs Boson – 1373

AUTHOR INDEX

- Knight, P.L.** (see Paspalakis, E.) – 293
- Knill, E.; and R. Laflamme** – Power of One Bit of Quantum Information – 5672
 ____ (see Cory, D.G.) – 2152
- Knipp, P.A.** (see Bayer, M.) – 2582
- Knippels, G.M.H.** (see von Helden, G.) – 1825
- Knize, R.J.** (see Takekoshi, T.) – 5105
- Knoblauch, D.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Knöckel, H.** (see Elbs, M.) – 959
- Knorr, A.** (see Giessen, H.) – 4260
- Knox, Lloyd; Román Scoccimarro, and Scott Dodelson** – Impact of Inhomogeneous Reionization on Cosmic Microwave Background Anisotropy – 2004
- Knudsen, H.** (see Bluhme, H.) – 73
- Knudson, M.D.; and Y.M. Gupta** – Real-Time Observation of a Metastable State during the Phase Transition in Shocked Cadmium Sulfide – 2938
- Knupfer, M.** (see Neudert, R.) – 657
- Ko, I.S.** (see Huang, J.Y.) – 4388
- Koashi, Masato; and Nobuyuki Imoto** – No-Cloning Theorem of Entangled States – 4264
 ____ **and Nobuyuki Imoto** – Maximum Amount of Information Obtainable from a Single Quantum Query of a Database – 5233
- Kob, Walter; and Jean-Louis Barrat** – Kob and Barrat Reply – 931(C)
 ____ (see Gleim, Tobias) – 4404
- Kobayashi, H.** (see Ackerstaff, K.) – 5519
- Kobayashi, K.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Ino, A.) – 2124
 ____ (see Shiozawa, M.) – 3319
- Kobayashi, N.** (see Hiroi, M.) – 2510
- Kobayashi, S.** (see Hiroi, M.) – 2510
- Kobayashi, T.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Kobayashi, Y.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Koch, F.** (see Kovalev, D.) – 2803
- Koch, J.A.** (see Murphy, T.J.) – 108
- Koch, N.** (see Ackerstaff, K.) – 5519
- Koch, R.H.; J.G. Deak, D.W. Abraham, P.L. Trouilloud, R.A. Altman, Yu Lu, W.J. Gallagher, R.E. Scheuerlein, K.P. Roche, and S.S.P. Parkin** – Magnetization Reversal in Micron-Sized Magnetic Thin Films – 4512
- Koch, S.W.** (see Giessen, H.) – 4260
 ____ (see Kira, M.) – 3263
- Koch, Volker** (see Steele, James V.) – 4096
- Koczoń, P.** (see Shin, Y.) – 1576
- Kodolova, O.L.** (see Adams, G.S.) – 5760
- Koehn, P.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Koenig, M.** (see Hall, T.A.) – 1003
- Kofler, R.R.** (see Abe, K.) – 942
- Kofman, L.** (see Khlebnikov, S.) – 2012
- Koga, H.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Koga, M.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
- Kogan, Sh.** – Random Telegraph Noise in Microstructures – 2986
- Kohama, M.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Köhler, K.** (see Holfeld, C.P.) – 874
- Kohli, J.M.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Kohlmeyer, B.** (see Shin, Y.) – 1576
- Kohn, Walter; and Ann E. Mattsson** – Edge Electron Gas – 3487
- Koide, T.** (see Nakajima, N.) – 5229
- Koiller, Belita** (see Christensen, Kim) – 2380
- Koizumi, H.; T. Hotta, and Y. Takada** – Koizumi *et al.* Reply – 3803(C)
- Koizumi, Hiroyasu** – Koizumi Replies – 491(C)
- Kojima, M.** (see Fujisawa, A.) – 2256
- Kokkelmans, S.J.J.M.F.; B.J. Verhaar, and K. Gibble** – Prospects for Bose-Einstein Condensation in Cesium – 951
- Kokorowski, David A.** (see Smith, Edward T.) – 1996
- Kolata, J.J.; V. Guimarães, D. Peterson, P. Santi, R. White-Stevens, P.A. DeYoung, G.F. Peaslee, B. Hughey, B. Atalla, M. Kern, P.L. Jolivet, J.A. Zimmerman, M.Y. Lee, F.D. Becchetti, E.F. Aguilera, E. Martinez-Quiroz, and J.D. Hinnefeld** – Sub-barrier Fusion of ^6He with ^{209}Bi – 4580
- Kolb, B.W.** (see Aggarwal, M.M.) – 4087
- Kolb, Edward W.** (see Chung, Daniel J.H.) – 4048
- Kollmar, A.** (see Schleger, P.) – 124
- Kollmus, H.** (see Schmitt, W.) – 4337
- Kolobov, Vladimir I.** (see Godyak, Valery A.) – 369
- Kolodin, Pavel A.** (see Xia, Hua) – 449
- Kolosov, Oleg V.; Martin R. Castell, Chris D. Marsh, G. Andrew D. Briggs, T.I. Kamins, and R. Stanley Williams** – Imaging the Elastic Nanostructure of Ge Islands by Ultrasonic Force Microscopy – 1046
- Kolstein, M.** (see Ackerstaff, K.) – 5519
- Kolster, H.** (see Ackerstaff, K.) – 5519
- Koltenuk, D.** (see Niculescu, G.) – 1805
- Koltenuk, D.M.** (see Bochna, C.) – 4576
- Koltick, D.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Koltover, I.; T. Salditt, J.-L. Rigaud, and C.R. Safinya** – Stacked 2D Crystalline Sheets of the Membrane-Protein Bacteriorhodopsin: A Specular and Diffuse Reflectivity Study – 2494
- Komatsubara, T.** (see Bernhoeft, N.) – 4244
- Komrakov, G.P.** (see Frolov, V.L.) – 1630
- Komrowski, Andrew J.** (see Liu, Yong) – 413
- Komura, Shigeyuki; and Ou-Yang Zhong-can** – High- and Low-Pitch Helical Structures of Tilted Chiral Lipid Bilayers – 473
- Kondev, Jané; and Jesper Lykke Jacobsen** – Conformational Entropy of Compact Polymers – 2922

- Kondo, K.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Kondo, T.** (see Odaka, S.) – 2428
- Kondratovich, V.** (see Beims, M.W.) – 4537
- Kondratyev, V.N.; and H.O. Lutz** – Shell Effect in Exchange Coupling of Transition Metal Dots and Their Arrays – 4508
- Koneripalli, Nagraj; Frank S. Bates, and Glenn H. Fredrickson** – Fractal Hole Growth in Strained Block Copolymer Films – 1861
- Kong, D.** (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Königeter, A.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- König, F.** (see Schmitt, S.) – 2446
 ____ (see Spälter, S.) – 786
- König, Jürgen; and Herbert Schoeller** – Strong Tunneling in the Single-Electron Box – 3511
- ____ **Yuval Gefen, and Gerd Schön** – Level Statistics of Quantum Dots Coupled to Reservoirs – 4468
- Konigsberg, J.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Königsmann, K.** (see Ackerstaff, K.) – 5519
- Kono, J.** (see Nordstrom, K.B.) – 457
- Konopka, J.** (see Bass, S.A.) – 4092
- Kooiman, F.C.** (see Muller, H.G.) – 1207
- Kopietz, Peter** – Coulomb Gap in the Density of States of Disordered Metals in Two Dimensions – 2120
- Kopnin, N.B.; and V.M. Vinokur** – Dynamic Vortex Mass in Clean Fermi Superfluids and Superconductors – 3952
- Kopp, R.A.** (see Watt, R.G.) – 4644
- Kopp, S.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Köppel, Horst** (see Mahapatra, Susanta) – 3116
- Kordas, K.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Korhonen, T.T.** (see Odaka, S.) – 2428
- Kormanyos, C.** (see Onderwater, C.J.G.) – 2213
 ____ (see Spaltro, C.M.) – 2870
- Korn, G.; O. Dühr, and A. Nazarkin** – Observation of Raman Self-Conversion of fs-Pulse Frequency due to Impulsive Excitation of Molecular Vibrations – 1215
- Kornilovitch, P.E.** – Continuous-Time Quantum Monte Carlo Algorithm for the Lattice Polaron – 5382
- Korobkin, D.; A. Goltsov, A. Morozov, and S. Suckewer** – Soft X-Ray Amplification at 26.2 nm with 1-Hz Repetition Rate in a Table-Top System – 1607
- Korolkov, I.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Korolkova, N.** (see Spälter, S.) – 786
- Korotkikh, V.L.** (see Adams, G.S.) – 5760
- Korotkov, A.** (see Eriksson, L.-G.) – 1231
- Korotkov, V.** (see Ackerstaff, K.) – 5519
- Korsch, W.** (see Ackerstaff, K.) – 5519
- Kortlüke, O.; V.N. Kuzovkov, and W. von Niessen** – Oscillation Phenomena Leading to Chaos in a Stochastic Surface Reaction Model – 2164
- Korytov, A.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Kosarev, I.** (see Aggarwal, M.M.) – 4087
- Koscielny-Bunde, Eva; Armin Bunde, Shlomo Havlin, H. Eduardo Roman, Yair Goldreich, and Hans-Joachim Schellnhuber** – Indication of a Universal Persistence Law Governing Atmospheric Variability – 729
- Koshelev, A.E.; L.N. Bulaevskii, and M.P. Maley** – Josephson Plasma Resonance as a Structural Probe of Vortex Liquid – 902
- Koshiba, M.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
- Koshibae, Wataru** (see Yamanaka, Masanori) – 5604
- Koshio, Y.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
- Koshizuka, N.** (see Lee, S.L.) – 5209
- Kosonovsky, E.** (see Mardor, I.) – 5085
- Kossut, J.** (see Dietl, T.) – 1535(C)
- Kosterlitz, J.M.; and N. Akino** – Numerical Study of Order in a Gauge Glass Model – 4672
 ____ (see Granato, Enzo) – 3888
- Kostic, P.; Y. Okada, N.C. Collins, Z. Schlesinger, J.W. Reiner, L. Klein, A. Kapitulnik, T.H. Geballe, and M.R. Beasley** – Non-Fermi-Liquid Behavior of SrRuO₃: Evidence from Infrared Conductivity – 2498
- Kostin, M.A.** (see Adams, G.S.) – 5760
- Kostritskiy, A.V.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Kosztin, Ioan** (see Chen, Qijin) – 4708
- Kotcher, J.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Kotov, S.** (see Alam, M.S.) – 3328

AUTHOR INDEX

- ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Kotov, V.N. (see Sushkov, O.P.) – 1941
Kotwal, A.V. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Kourlas, J. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Koutcheryaev, I. (see Aggarwal, M.M.) – 4087
Kouznetsov, V. (see Ajaka, J.) – 1797
Kovacs, E. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Kovalev, A.S. (see Eckl, C.) – 983
Kovalev, D.; H. Heckler, M. Ben-Chorin, G. Polisski, M. Schwartzkopff, and F. Koch – Breakdown of the k-Conservation Rule in Si Nanocrystals – 2803
Kowald, W. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Kowalski, B.J. (see Dietl, T.) – 1535(C)
Kowalski, Karol; and Karol Jankowski – Towards Complete Solutions to Systems of Nonlinear Equations of Many-Electron Theories – 1195
Kox, S. (see Niculescu, G.) – 1805
Koyama, I. (see Murakami, Y.) – 582
Kozeeva, L.P. (see Lavrov, A.N.) – 5636
Kozelov, A.V. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Kozhekin, Alexander E.; Gershon Kurizki, and Boris Malomed – Standing and Moving Gap Solitons in Resonantly Absorbing Gratings – 3647
Kozlov, V. (see Ackerstaff, K.) – 5519
Kozlovsky, E.A. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Kozlowska, B. (see Veal, K.D.) – 1187
Kraichnan, Robert H. (see He, Guowei) – 4636
Krämer, A.; and S. Doniach – Superinsulator Phase of Two-Dimensional Superconductors – 3523
Kramer, L. (see Niculescu, G.) – 1805
 ____ (see Rudroff, S.) – 4144
Kramer, L.H. (see Ackerstaff, K.) – 5519
Krane, J. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Krasheninnikov, S.I. (see Ohno, N.) – 818
Krässig, B. (see Jung, M.) – 1596
Kratz, K.-L. (see Franchoo, S.) – 3100
Kratz, P.; E. Pehlke, M. Scheffler, M.B. Raschke, and U. Höfer – Highly Site-Specific H₂ Adsorption on Vicinal Si(001) Surfaces – 5596
Krause, M.O. (see Martin, N.L.S.) – 1199
Krauss, Lawrence M. (see Damour, Thibault) – 5726
Krauß, O. (see Vietze, U.) – 4628
Kravchenko, I. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Kravis, S.D. (see Abdallah, M.A.) – 3627
Kreil, J. (see Schramm, A.) – 778
Kreinick, D.L. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Kreisler, M.N. (see Reyes, M.A.) – 4079
Kremens, R. (see Murphy, T.J.) – 108
Kresin, Vitaly V. – Comment on “Shape Phase Transitions in the Absorption Spectra of Atomic Clusters” – 5702(C)
Kretschmer, W. (see Armbruster, B.) – 520
Krieg, H. (see Bergfeld, T.) – 272
Krisch, A.D. (see Blinov, B.B.) – 2906
Krishna, N.M. (see Abe, K.) – 942
Krishna, Sandeep (see Jain, Sanjay) – 5684
Krishnamurthy, M. (see Deng, X.) – 1473
Krishnamurthy, Supriya (see Majumdar, Satya N.) – 3691
Krishnan, J. (see Hall, T.A.) – 1003
Krishnan, S.; S. Ansell, J.J. Felten, K.J. Volin, and D.L. Price – Structure of Liquid Boron – 586
Krishnaswamy, M.R. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Krivokhijine, V.G. (see Ackerstaff, K.) – 5519
Kroeger, R.S. (see Abe, K.) – 942
Kroes, G.J.; E.J. Baerends, and R.C. Mowrey – Erratum: Six-Dimensional Quantum Dynamics of Dissociative Chemisorption of ($v = 0, j = 0$) H₂ on Cu(100) [Phys. Rev. Lett. **78**, 3583 (1997)] – 4781(E)
 ____ (see Bertino, M.F.) – 5608
Królikowski, Wiesław (see Akhmediev, Nail) – 4632
Kroll, D.M. (see Gompper, G.) – 2284
Kroll, J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Kromer, F.; R. Helfrich, M. Lang, F. Steglich, C. Langhammer, A. Bach, T. Michels, J.S. Kim, and G.R. Stewart – Revision of the Phase Diagram of Superconducting U_{1-x}Th_xBe₁₃ – 4476
Kronmüller, S.; W. Dietsche, J. Weis, K. von Klitzing, W. Wegscheider, and M. Bichler – New Resistance Maxima in the Fractional Quantum Hall Effect Regime – 2526
Kropp, W.R. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Kroy, K. (see Hinner, B.) – 2614
Kruer, W.L. (see Young, P.E.) – 1425
Krüger, Peter (see Lu, Wenchang) – 2292
Kruglov, K. (see Franchoo, S.) – 3100
Krul, F. (see Mikulla, R.) – 3163
Krümpel, T. (see Aggarwal, M.M.) – 4087
Kruse, M. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742

- ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Krusin-Elbaum, L.; G. Blatter, J.R. Thompson, D.K. Petrov, R. Wheeler, J. Ullmann, and C.W. Chu – Anisotropic Rescaling of a Splayed Pinning Landscape in Hg Cuprates: Strong Vortex Pinning and Recovery of Variable Range Hopping – 3948
Krutzler, C. (see Buntar, V.) – 3749
Krysac, L.C.; and J.D. Maynard – Evidence for the Role of Propagating Stress Waves during Fracture – 4428
Krzywdzinski, S. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Kszczot, T. (see Longour, C.) – 3337
Kuang, Y. (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
Kubo, S. (see Fujisawa, A.) – 2256
Kubota, Y. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Kudryavtsev, Y. (see Franchoo, S.) – 3100
Kuech, T.F. (see Rudkevich, E.) – 3467
Kuehler, J. (see Apanasevich, L.) – 2642
Kugler, A. (see Aggarwal, M.M.) – 4087
Kuhl, J. (see Giessen, H.) – 4260
Kühl, T. (see Seelig, P.) – 4824
Kuhlmann, S.E. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Kuhn, J. (see Adams, G.S.) – 5760
Kühn, J.H.; and G. Rodrigo – Charge Asymmetry in Hadroproduction of Heavy Quarks – 49
Kuhn, T. (see Greiner, A.) – 5037(C)
Kühn, W. (see Balestra, F.) – 4572
Kulakovskii, V.D. (see Bayer, M.) – 2582
Kuleshov, S. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Kulikov, A. (see Prinz, A.A.) – 1175
Kulinich, P. (see Aggarwal, M.M.) – 4087
Kulmala, M. (see Bogdan, A.) – 1042
 ____ (see Lushnikov, A.A.) – 5165
Kumacheva, Eugenia (see Mitov, Zdravko) – 3427
Kumagai, A. (see Ahle, L.) – 2650
Kumar, Alok (see Bhattacharyya, Sandip) – 754
Kumar, Jason (see Claus, Piet) – 4553
Kumar, Rajesh; A.S. Vengurlekar, A. Venu Gopal, T. Mélin, F. Laruelle, B. Etienne, and J. Shah – Exciton Formation and Relaxation Dynamics in Quantum Wires – 2578
Kumar, S.K. (see Beiner, M.) – 594
Kumbartzki, G. (see Bochna, C.) – 4576
Kumita, T. (see Hatakeyama, S.) – 2016
Kummel, Andrew C. (see Liu, Yong) – 413
Kunii, S. (see Hiroi, M.) – 2510
Kunori, S. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Kuns, E. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Kunszt, Z. (see Hautmann, F.) – 3333
Kuramashi, Y. (see Aoki, S.) – 1778
Kuramoto, Yoshiki; Dorjsuren Battogtokh, and Hiroya Nakao – Multiaffine Chemical Turbulence – 3543
Kurashige, H. (see Odaka, S.) – 2428
Kurata, M. (see Aggarwal, M.M.) – 4087
Kurien, Susan (see Arad, Itai) – 5330
Kurino, K. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Kurisuno, M. (see Akerstaff, K.) – 5519
Kurita, K. (see Aggarwal, M.M.) – 4087
 ____ (see Ahle, L.) – 2650
Kurita, S. (see Tomimoto, S.) – 417
Kurizki, Gershon (see Kozhekin, Alexander E.) – 3647
Kurmoo, M. (see Ardavan, A.) – 713
Kürpick, Ulrike (see Wang, S.C.) – 4923
Kurths, J. (see Tass, P.) – 3291
Kusano, A. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Kusano, E. (see Takeda, M.) – 1163
Kusnezov, Dimitri; Y. Alhassid, and K.A. Snover – Scaling Properties of the Giant Dipole Resonance Width in Hot Rotating Nuclei – 542
Kuwabara, T. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Kuzma, N.N. (see Khandelwal, P.) – 673
Kuzmin, N. (see Aggarwal, M.M.) – 4087
Kuznetsov, D.V. (see Brilliantov, N.V.) – 1433
Kuzovkov, V.N. (see Kortlüke, O.) – 2164
Kvitnitskaya, O.E. (see Wasser, S.) – 898
Kwak, N. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Kwak, Yongho (see Lee, Kyoung J.) – 321
Kwan, S. (see Aitala, E.M.) – 44
 ____ (see Alves, G.A.) – 1537(E)
Kwei, G.H. (see Booth, C.H.) – 3960
Kwiat, P.G. (see Buttler, W.T.) – 3283
Kwok, R.W.M. (see Gritsenko, V.A.) – 1054
Kwok, W.K. (see Willemijn, M.) – 4236
Kwon, C. (see Park, J.-H.) – 1953
Kwon, M. (see Huang, J.Y.) – 4388
Kwon, Y. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Kyle, G. (see Akerstaff, K.) – 5519

AUTHOR INDEX

Kyuno, Kentaro; and Gert Ehrlich – Step-Edge Barriers on Pt(111):
An Atomistic View – 5592

La’adan, O. (see Novoselsky, A.) – 5949(C)

____ (see Novoselsky, A.) – 5955(E)

Laasanen, A.T. (see Abe, F.) – 1367

____ (see Abe, F.) – 1791

____ (see Abe, F.) – 2432

____ (see Abe, F.) – 4806

____ (see Abe, F.) – 5278

____ (see Abe, F.) – 5513

____ (see Abe, F.) – 5742

____ (see Abe, F.) – 5748

____ (see Abe, F.) – 5754

Labbé, R.; and J.-F. Pinton – Propagation of Sound through a
Turbulent Vortex – 1413

Lablanquie, P. (see Penent, F.) – 3619

LaBombard, B. (see Lipschultz, B.) – 1007

Lacey, Roy A. (see Danielewicz, P.) – 2438

Lachnit, W. (see Ackerstaff, K.) – 5519

Lacks, Daniel J. (see Malandro, Dennis L.) – 5576

Ladan, F-R (see Jelila, F.S.) – 1933

**Ladoux, Benoit; Hervé Isambert, Jean-François Léger, and
Jean-Louis Viovy** – New Rectifying Electrohydrodynamic
Instability at the Boundary of Charged Gels in Alternating Electric
Fields – 3793

Laeri, F. (see Vietze, U.) – 4628

Laflamme, R. (see Cory, D.G.) – 2152

____ (see Knill, E.) – 5672

Lagally, M.G. (see Qin, X.R.) – 2288

____ (see Rudkevich, E.) – 3467

____ (see Sutter, P.) – 3471

Lagendijk, Ad (see de Vries, Pedro) – 1381

Lahmam-Bennani, A. (see Taouil, I.) – 4600

Lai, I.C. (see Alam, M.S.) – 3328

____ (see Anderson, S.) – 3823

____ (see Bergfeld, T.) – 272

____ (see Browder, T.E.) – 1786

Lai, K.S.; and E.A. Hinds – Blackbody Excitation of an Atom
Controlled by a Tunable Cavity – 2671

Lai, M.Y.; and Y.L. Wang – Direct Observation of Two
Dimensional Magic Clusters – 164

Lai, R.; and A.J. Sievers – $(\text{C}_2\text{H}_5\text{NH}_3)_2\text{CuCl}_4$: A Physical System
for the Experimental Investigation of Intrinsic Localized
Modes – 1937

Lai, Y.F. (see Bai, J.Z.) – 1179

____ (see Bai, J.Z.) – 3091

____ (see Bai, J.Z.) – 5080

Laing, Philip A. (see Anderson, John D.) – 2858

LaJohn, L. (see Jung, M.) – 1596

Lalović, D.I.; D.M. Davidović, and A.R. Tančić – Quantum Phase
from the Glauber Model of Linear Phase Amplifiers – 1223

Lam, P.K. (see Ralph, T.C.) – 5668

Lambert, C.J. (see Leadbeater, M.) – 1274

Lambin, Ph. (see Meunier, V.) – 5588

Lami, S. (see Abe, F.) – 1367

____ (see Abe, F.) – 1791

____ (see Abe, F.) – 2432

____ (see Abe, F.) – 4806

____ (see Abe, F.) – 5278

____ (see Abe, F.) – 5513

____ (see Abe, F.) – 5742

____ (see Abe, F.) – 5748

____ (see Abe, F.) – 5754

Lamm, M.J. (see Kim, J.H.) – 3595

Lammel, S. (see Abe, F.) – 1367

____ (see Abe, F.) – 1791

____ (see Abe, F.) – 2432

____ (see Abe, F.) – 4806

____ (see Abe, F.) – 5278

____ (see Abe, F.) – 5513

____ (see Abe, F.) – 5742

____ (see Abe, F.) – 5748

____ (see Abe, F.) – 5754

Lammert, Paul E. (see Zhang, Peihong) – 5346

Lamoreaux, S.K. – Erratum: Demonstration of the Casimir Force in
the 0.6 to 6 μm Range [Phys. Rev. Lett. **78**, 5 (1997)] – 5475(E)

____ (see Buttler, W.T.) – 3283

Lamoureux, J.I. (see Abe, F.) – 1367

____ (see Abe, F.) – 1791

____ (see Abe, F.) – 2432

____ (see Abe, F.) – 4806

____ (see Abe, F.) – 5278

____ (see Abe, F.) – 5513

____ (see Abe, F.) – 5742

____ (see Abe, F.) – 5748

____ (see Abe, F.) – 5754

Lamura, A. (see Corberi, F.) – 3852

Lancaster, M. (see Abe, F.) – 1367

____ (see Abe, F.) – 1791

____ (see Abe, F.) – 2432

____ (see Abe, F.) – 4806

____ (see Abe, F.) – 5278

____ (see Abe, F.) – 5513

____ (see Abe, F.) – 5742

____ (see Abe, F.) – 5748

____ (see Abe, F.) – 5754

Lancellotti, Carlo; and J.J. Dorning – Critical Initial States in
Collisionless Plasmas – 5137

Landen, O.L. (see Murphy, T.J.) – 108

Lander, G.H. (see Bernhoeft, N.) – 3419

____ (see Bernhoeft, N.) – 4244

Landhuis, David (see Fried, Dale G.) – 3811

____ (see Killian, Thomas C.) – 3807

Landman, Uzi (see Cleveland, Charles L.) – 2036

Landree, Eric (see Plass, Richard) – 4891

Landry, F. (see Abbott, B.) – 38

____ (see Abbott, B.) – 524

Landsberg, G. (see Abbott, B.) – 38

____ (see Abbott, B.) – 524

Lang, K. (see Ambrose, D.) – 4309

____ (see Ambrose, D.) – 5734

Lang, M. (see Gegenwart, P.) – 1501

____ (see Kromer, F.) – 4476

Lang, N.D.; and Ph. Avouris – Oscillatory Conductance of
Carbon-Atom Wires – 3515

Lang, P.F. (see Bai, J.Z.) – 1179

____ (see Bai, J.Z.) – 3091

____ (see Bai, J.Z.) – 5080

Lang, S. (see Kanorsky, S.) – 401

Langbein, I. (see Aggarwal, M.M.) – 4087

Lange, A. (see Steinbock, O.) – 798

Lange, D.J. (see Alam, M.S.) – 3328

____ (see Anderson, S.) – 3823

____ (see Bergfeld, T.) – 272

____ (see Browder, T.E.) – 1786

**Lange, H.R.; A. Chiron, J.-F. Ripoché, A. Mysyrowicz, P. Breger,
and P. Agostini** – High-Order Harmonic Generation and Quasiphase
Matching in Xenon Using Self-Guided Femtosecond Pulses – 1611

Langelaar, M.H. (see Roşu, M.F.) – 4680

Langerak, C.J.G.M. (see Tsimperidis, I.) – 4748

- Langeveld, W. G. J.** (see Prinz, A. A.) – 1175
Langevin, D. (see Narayanan, Janaky) – 228
Langevin, Dominique (see Monroy, Francisco) – 3167
Langhammer, C. (see Gegenwart, P.) – 1501
 ____ (see Kromer, F.) – 4476
Langridge, S. (see Bernhoeft, N.) – 3419
Langs, D. C. (see Aitala, E. M.) – 44
Langston, M. (see Abe, K.) – 942
Lankford, A. (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
Lanzani, G. (see Graupner, W.) – 3259
Lanzara, A.; N. L. Saini, M. Brunelli, F. Natali, A. Bianconi, P. G. Radaelli, and S.-W. Cheong – Crossover from Large to Small Polarons across the Metal-Insulator Transition in Manganites – 878
Lanzoni, M. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Lapik, A. (see Ajaka, J.) – 1797
Lapikás, L. (see Onderwater, C. J. G.) – 2213
 ____ (see Spaltro, C. M.) – 2870
Lapinskas, Saulius; and Anders Rosengren – Two Types of Ordering in the Three-State Antiferromagnetic Potts Model on 3D Lattices: Monte Carlo Evidence – 1302
Lapushkin, S. (see Gornov, M. G.) – 4325
Laqua, H. P.; H. J. Hartfuß, and W7-AS Team – Electron Bernstein Wave Emission from an Overdense Plasma at the W7-AS Stellarator – 2060
Laracuenta, A.; S. C. Erwin, and L. J. Whitman – Structure of Ge(113): Origin and Stability of Surface Self-Interstitials – 5177
Larciprete, R. (see De Padova, P.) – 2320
Larimer, R.-M. (see Isaac, M. C. Perillo) – 2416
Larsen, Arne Nylandsted (see Fage-Pedersen, Jacob) – 5856
Lartigue, C. (see Schleger, P.) – 124
Laruelle, F. (see Kumar, Rajesh) – 2578
 ____ (see Mélin, T.) – 4460
Lascialfari, A.; Z. H. Jang, F. Borsa, P. Carretta, and D. Gatteschi – Thermal Fluctuations in the Magnetic Ground State of the Molecular Cluster $\text{Mn}_{12}\text{O}_{12}$ Acetate from μSR and Proton NMR Relaxation – 3773
Lath, A. (see Abe, K.) – 942
Latino, G. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Latorre, J. I.; P. Pascual, and R. Tarrach – Minimal Optimal Generalized Quantum Measurements – 1351
Lau, A. W. C.; and P. Pincus – Charge-Fluctuation-Induced Nonanalytic Bending Rigidity – 1338
Lau, Eunice L. (see Anderson, John D.) – 2858
Laue, T. (see Elbs, M.) – 959
Lauer, B. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Lauer, I.; U. Eisenbarth, M. Grieser, R. Grimm, P. Lenisa, V. Luger, T. Schätz, U. Schramm, D. Schwalm, and M. Weidemüller – Transverse Laser Cooling of a Fast Stored Ion Beam through Dispersive Coupling – 2052
Launois, H. (see Aign, T.) – 5656
Launois, P.; R. Moret, J. Hone, and A. Zettl – Evidence for Distinct Polymer Chain Orientations in KC_{60} and RbC_{60} – 4420
Laurens, C. R. (see Roşu, M. F.) – 4680
Lauritsen, Kent Bækgaard; Per Fröjdh, and Martin Howard – Surface Critical Behavior in Systems with Absorbing States – 2104
Laval, G. (see Fuchs, J.) – 4275(C)
Lavrov, A. N.; M. Yu. Kameneva, and L. P. Kozeeva – Normal-State Resistivity Anisotropy in Underdoped $\text{RBa}_2\text{Cu}_3\text{O}_{6+x}$ Crystals – 5636
Law, C. K.; H. Pu, and N. P. Bigelow – Quantum Spins Mixing in Spinor Bose-Einstein Condensates – 5257
Lawson, N. S. (see Dodd, M. E.) – 3703
Lawson, W.; J. Cheng, J. P. Calame, M. Castle, B. Hogan, V. L. Granatstein, M. Reiser, and G. P. Saraph – High-Power Operation of a Three-Cavity X-Band Coaxial Gyroklystron – 3030
Lazzeri, Michele; and Stefano de Gironcoli – *Ab Initio* Study of Be (0001) Surface Thermal Expansion – 2096
Le Bornec, Y. (see Tatischeff, B.) – 1347(C)
Le Doussal, Pierre (see Carpentier, David) – 1881
 ____ (see Carpentier, David) – 2558
Le Floc'h, D.; A. Loiseau, Ch. Ricolleau, C. Barreteau, R. Caudron, F. Ducastelle, and J. M. Pénisson – Critical Behavior of Antiphase Boundaries in Fe_3Al close to the $\text{DO}_3 \rightarrow B2$ Phase Transition – 2272
Lea, M. J. (see Valkering, A. M. C.) – 5398
Leadbeater, M.; V. I. Falko, and C. J. Lambert – Lévy Flights in Quantum Transport in Quasiballistic Wires – 1274
Learned, J. G. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Lebedev, A. (see Aggarwal, M. M.) – 4087
Lebedev, S. V.; I. H. Mitchell, R. Aliaga-Rossel, S. N. Bland, J. P. Chittenden, A. E. Dangor, and M. G. Haines – Azimuthal Structure and Global Instability in the Implosion Phase of Wire Array Z-Pinch Experiments – 4152
LeBrun, T. W. (see Jung, M.) – 1596
Lecheminant, P. (see Azaria, P.) – 1694
Leclercq, N. (see Miron, C.) – 4104
LeCompte, T. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Lee, C. H. (see Zhao, Y. G.) – 1310
Lee, C.-H. (see Li, G. Q.) – 2177(C)
Lee, Gun-Do; C. Z. Wang, Z. Y. Lu, and K. M. Ho – Ad-Dimer Diffusion between Trough and Dimer Row on $\text{Si}(100)$ – 5872
Lee, H. Y.; H.-W. Lee, and D. Kim – Origin of Synchronized Traffic Flow on Highways and Its Dynamic Phase Transitions – 1130
Lee, H.-W. (see Lee, H. Y.) – 1130
Lee, I. Y. (see Isaac, M. C. Perillo) – 2416
Lee, J. (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
Lee, J.-H. (see Ahle, L.) – 2650
Lee, K. Y. C. (see Lipp, M. M.) – 1650

AUTHOR INDEX

- Lee, Kyoung J.; Yongho Kwak, and Tong Kun Lim** – Phase Jumps near a Phase Synchronization Transition in Systems of Two Coupled Chaotic Oscillators – 321
- Lee, M.D.** (see Gardiner, C.W.) – 5266
- Lee, M.Y.** (see Kolata, J.J.) – 4580
- Lee, P.** (see Tatarakis, M.) – 999
- Lee, Patrick A.** (see Pépin, Catherine) – 2779
- Lee, R.** (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
- Lee, R.L.** (see Whyte, D.G.) – 4392
- Lee, R.W.** (see Glenzer, S.H.) – 365
 ____ (see Godbert-Mouret, L.) – 5568
- Lee, S.; I. Daruka, C.S. Kim, A.-L. Barabási, J.L. Merz, and J.K. Furdyna** – Dynamics of Ripening of Self-Assembled II-VI Semiconductor Quantum Dots – 3479
 ____ (see Fujisawa, A.) – 2256
 ____ (see Gweon, G.-H.) – 886
 ____ (see Reyes, M.A.) – 4079
- Lee, S.J.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Lee, S.L.; C.M. Aegerter, S.H. Lloyd, E.M. Forgan, C. Ager, M.B. Hunt, H. Keller, I.M. Savić, R. Cubitt, G. Wirth, K. Kadowaki, and N. Koshizuka** – Observations of Suppression of Static and Dynamic Disorder in $\text{Bi}_{2.15}\text{Sr}_{1.85}\text{CaCu}_2\text{O}_{8+\delta}$ Crystals by Columnar Defects – 5209
- Lee, S.Y.** (see Blinov, B.B.) – 2906
- Lee, Sangjin** (see Yoshida, Shigeru) – 5505
- Lee, Sung-Ik** (see Choi, Mahn-Soo) – 4240
- Lee, T.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Lee, T.K.** (see Shih, C.T.) – 1294
- Lee, T.-Y.** (see Huang, J.Y.) – 4388
- Lee, Y.Y.** (see Aggarwal, M.M.) – 4087
- Lee, Youngki; Luís A. Nunes Amaral, David Canning, Martin Meyer, and H. Eugene Stanley** – Universal Features in the Growth Dynamics of Complex Organizations – 3275
- Lefever, R.** (see Tlidi, M.) – 979
- Leflat, A.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Lefmann, W.C.** (see Kim, J.H.) – 3595
- Léger, Jean-François** (see Ladoux, Benoit) – 3793
- Legere, Ronald; and Kurt Gibble** – Quantum Scattering in a Juggling Atomic Fountain – 5780
- Leggett, A.J.; and F. Sols** – Comment on “Phase and Phase Diffusion of a Split Bose-Einstein Condensate” – 1344(C)
- Leggett, Anthony J.** (see Ueda, Masahito) – 1343(C)
- Legrand, B.** (see Gérard, J.M.) – 1110
- Leibfried, D.** (see King, B.E.) – 1525
 ____ (see Turchette, Q.A.) – 3631
- Leibler, S.** (see Amblard, F.) – 1135(C)
 ____ (see Amblard, F.) – 1136(E)
- Leiderer, P.** (see Rudhardt, D.) – 1330
 ____ (see Wei, Q.-H.) – 2606
- Leigh, J.R.** (see Hinde, D.J.) – 4777(C)
- Leising, G.** (see Graupner, W.) – 3259
- Leitch, A.W.R.; V. Alex, and J. Weber** – Raman Spectroscopy of Hydrogen Molecules in Crystalline Silicon – 421
- Leith, D.W.G.** (see Abe, K.) – 942
- Leivo, M.M.** (see Anghel, D.V.) – 2958
- Lemell, C.; J. Stöckl, J. Burgdörfer, G. Betz, HP. Winter, and F. Aumayr** – Multicharged Ion Impact on Clean Au(111): Suppression of Kinetic Electron Emission in Glancing Angle Scattering – 1965
- Lemerle, S.** (see Aign, T.) – 5656
- Lemoine, Didier** – Atomic Scattering from Single Adsorbates: What Can We Learn from the Gas Phase? – 461
- Lenisa, P.** (see Lauer, I.) – 2052
- Leo, K.** (see Holfeld, C.P.) – 874
- Leo, Paul J.; Eite Tiesinga, Paul S. Julienne, D.K. Walter, Steven Kadlecsek, and Thad G. Walker** – Elastic and Inelastic Collisions of Cold Spin-Polarized ^{133}Cs Atoms – 1389
- Leon, R.; C. Lobo, J. Zou, T. Romeo, and D.J.H. Cockayne** – Stable and Metastable InGaAs/GaAs Island Shapes and Surfactantlike Suppression of the Wetting Transformation – 2486
- Leonard, R.** (see Prinz, A.A.) – 1175
- Leonardelli, Georg** (see Diebold, Ulrike) – 405
- Leone, S.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Leone, T.** (see Niculescu, G.) – 1805
- Léonetti, Marc; and Elisabeth Dubois-Violette** – Theory of Electrodynamic Instabilities in Biological Cells – 1977
- Leoni, S.** (see Frattini, S.) – 2659
- Lepage, M.** (see Michaud, M.) – 2807
- L’Eplattenier, P.** (see Deeney, C.) – 4883
- Lequeux, F.** (see Hébraud, P.) – 2934
- Lerouge, S.; J.P. Decruppe, and C. Humbert** – Shear Banding in a Micellar Solution under Transient Flow – 5457
- Leslie, J.** (see Aitala, E.M.) – 44
- Lestone, J.P.; A.A. Sonzogni, M.P. Kelly, and R. Vandenbosch** – Comment on “Anomalous Peaklike Structure in the Fission Fragment Anisotropies at Sub-barrier Energies in ^{11}B , ^{12}C , ^{16}O , ^{19}F + ^{232}Th Reactions” – 4776(C)
- Lesueur, J.** (see Jelila, F.S.) – 1933
- Leuchs, G.** (see Schmitt, S.) – 2446
 ____ (see Spälter, S.) – 786
- Leung, P.W.** (see Yin, Wei-Guo) – 2534
- Leute, St.** (see Fröhlich, D.) – 3239
- Levanyuk, A.P.** (see Ollivier, J.) – 3667
- Levelut, A.** (see Alberici-Kious, F.) – 4987
- Levelut, A.-M.** (see Mach, P.) – 1015
- Levi Sandri, P.** (see Ajaka, J.) – 1797
- Levin, J.; H. Feldman, A. Baer, D. Ben-Hamu, O. Heber, D. Zajfman, and Z. Vager** – Study of Unimolecular Reactions by Coulomb Explosion Imaging: The Nondecaying Vinylidene – 3347
- Levin, J.C.** (see Wehlitz, R.) – 1813
- Levin, K.** (see Chen, Qijin) – 4708
- Levine, Alex; Sriram Ramaswamy, Erwin Frey, and Robijn Bruinsma** – Screened and Unscreened Phases in Sedimenting Suspensions – 5944
- Levine, Herbert** (see Sarkissian, Armand) – 4528(C)
- Levine, L.E.** (see Thomson, Robb) – 3884
- Levinson, Y.** (see Mirlin, A.D.) – 1070
- Levinton, F.M.** (see Bell, R.E.) – 1429
- Levis, Robert J.** (see DeWitt, Merrick J.) – 5101
- Levy, P.M.** (see Zhang, S.) – 5660
- Levy, Yaakov; and Oren M. Becker** – Effect of Conformational Constraints on the Topography of Complex Potential Energy Surfaces – 1126
- Levy Yeyati, A.** (see Cuevas, J.C.) – 2990
- Lewenkopf, Caio H.** (see Vallejos, Raúl O.) – 677
- Lewenstein, Maciej** (see Salières, Pascal) – 5544
- Lewis, J.D.** (see Abe, F.) – 1367

- (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
Lewis, R. S. (see Nicolussi, G.K.) – 3583
Lewis, Steven P. (see Pykhtin, M.V.) – 5940
Lewitowicz, M. (see Grzywacz, R.) – 766
 — (see Longour, C.) – 3337
Ley, L. (see Cui, J.B.) – 429
Leygnier, J. (see Bréchnignac, C.) – 4612
L’Huillier, A. (see Bellini, M.) – 297
Lhuillier, C. (see Azaria, P.) – 1694
 — (see Misguich, G.) – 1098
Li, Baowen (see Liu, Jie) – 1749
Li, C. G. (see Bai, J.Z.) – 1179
 — (see Bai, J.Z.) – 3091
 — (see Bai, J.Z.) – 5080
Li, D. (see Bai, J.Z.) – 1179
 — (see Bai, J.Z.) – 3091
 — (see Bai, J.Z.) – 5080
Li, G. Q.; and C. Gale – Intermediate-Mass Dilepton Production in Heavy-Ion Collisions at 200A GeV – 1572
 — **G. E. Brown, and C.-H. Lee** – Li, Brown, and Lee Reply – 2177(C)
Li, Gang (see Horowitz, C.J.) – 1985(E)
Li, H. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
Li, H. B. (see Bai, J.Z.) – 1179
 — (see Bai, J.Z.) – 3091
 — (see Bai, J.Z.) – 5080
Li, J. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
 — (see Bai, J.Z.) – 1179
 — (see Bai, J.Z.) – 3091
 — (see Bai, J.Z.) – 5080
Li, J. J. (see Zhao, Y.G.) – 1310
Li, Jiutao; Wolf-Dieter Schneider, Richard Berndt, O.R. Bryant, and S. Crampin – Surface-State Lifetime Measured by Scanning Tunneling Spectroscopy – 4464
Li, M.-R.; P. J. Hirschfeld, and P. Wölfe – Is the Nonlinear Meissner Effect Unobservable? – 5640
 — (see Hirschfeld, P.J.) – 4024(C)
Li, P. Q. (see Bai, J.Z.) – 1179
 — (see Bai, J.Z.) – 3091
 — (see Bai, J.Z.) – 5080
Li, R. B. (see Bai, J.Z.) – 1179
 — (see Bai, J.Z.) – 3091
 — (see Bai, J.Z.) – 5080
Li, T. W. (see Nideröst, M.) – 3231
Li, Ting (see Ruoff, Arthur L.) – 2723
Li, W. (see Bai, J.Z.) – 1179
 — (see Bai, J.Z.) – 3091
 — (see Bai, J.Z.) – 5080
Li, W. B.; K. J. Zhang, J. V. Sengers, R. W. Gammon, and J. M. Ortiz de Zárate – Concentration Fluctuations in a Polymer Solution under a Temperature Gradient – 5580
Li, W. D. (see Bai, J.Z.) – 1179
 — (see Bai, J.Z.) – 3091
 — (see Bai, J.Z.) – 5080
Li, W. G. (see Bai, J.Z.) – 1179
 — (see Bai, J.Z.) – 3091
 — (see Bai, J.Z.) – 5080
Li, X. H. (see Bai, J.Z.) – 1179
 — (see Bai, J.Z.) – 3091
 — (see Bai, J.Z.) – 5080
Li, X. N. (see Bai, J.Z.) – 1179
 — (see Bai, J.Z.) – 3091
 — (see Bai, J.Z.) – 5080
Li, Xi; Hongbin Wu, Xue-Bin Wang, and Lai-Sheng Wang – *s-p* Hybridization and Electron Shell Structures in Aluminum Clusters: A Photoelectron Spectroscopy Study – 1909
Li, Xin Jian (see Zhang, Yu Heng) – 1710
Li, Y. (see Alam, M.S.) – 3328
 — (see Anderson, S.) – 3823
 — (see Bergfeld, T.) – 272
 — (see Browder, T.E.) – 1786
Li, Y. Q.; Michael Ma, D. N. Shi, and F. C. Zhang – SU(4) Theory for Spin Systems with Orbital Degeneracy – 3527
Li, Z. (see Tolan, M.) – 2731
Li, Z. Q. (see Parlinski, K.) – 3298(C)
Li, Zhi-Yuan; Ben-Yuan Gu, and Guo-Zhen Yang – Large Absolute Band Gap in 2D Anisotropic Photonic Crystals – 2574
Lia, V. (see Abe, K.) – 942
Liang, C.-T.; M. Y. Simmons, C. G. Smith, G. H. Kim, D. A. Ritchie, and M. Pepper – Experimental Evidence for Coulomb Charging Effects in an Open Quantum Dot at Zero Magnetic Field – 3507
Liang, E. (see Drake, R.P.) – 2068
Liang, Edison P.; Scott C. Wilks, and Max Tabak – Pair Production by Ultraintense Lasers – 4887
Liang, J. F. (see Vandenbosch, R.) – 1821
Liang, J.-Q.; H. J. W. Müller-Kirsten, D. K. Park, and F. Zimmerschied – Periodic Instantons and Quantum-Classical Transitions in Spin Systems – 216
Liang, Ruixing (see Hosseini, A.) – 1298
Libbrecht, Kenneth G.; and Victoria M. Tanusheva – Electrically Induced Morphological Instabilities in Free Dendrite Growth – 176
Licci, F. (see Allodi, G.) – 4736
Lichtenstadt, J. (see Aitala, E.M.) – 44
Lidar, D. A.; I. L. Chuang, and K. B. Whaley – Decoherence-Free Subspaces for Quantum Computation – 2594
Lidar, Daniel A. (see Maierle, Christopher S.) – 5928
Lidberg, J. (see Mannervik, S.) – 313
Li-Demarteau, Q. Z. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
Lidorikis, E.; M. M. Sigalas, E. N. Economou, and C. M. Soukoulis – Tight-Binding Parametrization for Photonic Band Gap Materials – 1405
Lidzey, D. G. (see Alvarado, S.F.) – 1082
Liesegang, J. (see Tober, E.D.) – 2360
Lifshitz, Y. (see Uhlmann, S.) – 641
Lim, Manho (see Hamm, Peter) – 5326
Lim, S.-H.; D. Shindo, I. Yonenaga, P. D. Brown, and C. J. Humphreys – Atomic Arrangement of a Z-Shape Faulted Dipole within Deformed GaAs – 5350
Lim, Tong Kun (see Lee, Kyoung J.) – 321
Lima, J. G. R. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
Lima, Marco A. P. (see Natalense, Alexandra P.P.) – 3832
Limborg, B. (see Vietze, U.) – 4628
Limon, P. (see Abe, F.) – 1367
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5754
Limonov, M. F.; A. I. Rykov, S. Tajima, and A. Yamanaka – Limonov *et al.* Reply – 2181(C)
Lin, Chun C. (see Piech, Garrett A.) – 309

AUTHOR INDEX

- Lin, C.-J.S.** (see Abe, K.) – 942
Lin, H. Q. (see Shih, C.T.) – 1294
Lincoln, D. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Lindberg, M. (see Binder, R.) – 1477
Linde, A. (see Khlebnikov, S.) – 2012
Linden, N.; S. Massar, and S. Popescu – Purifying Noisy Entanglement Requires Collective Measurements – 3279
Linden, S. (see Giessen, H.) – 4260
Lindenbusch, R. (see Adams, G.S.) – 5760
Lindgren, M. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Lindman, E. (see Murphy, T.J.) – 108
Lindman, E.L. (see Fernández, Juan C.) – 2252
Lindner, John F.; Sridhar Chandramouli, Adi R. Bulsara, Markus Löcher, and William L. Ditto – Noise Enhanced Propagation – 5048
Lindroth, E. (see Mannervik, S.) – 313
Lindström, J.L. (see Öberg, S.) – 2930
Ling, W.L. (see Escorcia-Aparicio, Ernesto J.) – 2144
Ling, Z. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Lingel, K. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Link, A. (see Gegenwart, P.) – 1501
Linn, S.L. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Linnarsson, Margareta (see Fage-Pedersen, Jacob) – 5856
Linnemann, J. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Liotta, R.J. (see Maglione, E.) – 538
Lipaev, V. (see Adams, G.S.) – 5760
Lipovskii, A. (see Olkhovets, A.) – 3539
Lipp, M.M.; K.Y.C. Lee, D.Y. Takamoto, J.A. Zasadzinski, and A.J. Waring – Coexistence of Buckled and Flat Monolayers – 1650
Lipschultz, B.; J.L. Terry, C. Boswell, A. Hubbard, B. LaBombard, and D.A. Pappas – Ultrahigh Densities and Volume Recombination inside the Separatrix of the Alcator C-Mod Tokamak – 1007
Lipton, R. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Lirakis, C. (see Apanasevich, L.) – 2642
Liss, T.M. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
List, E.J.W. (see Graupner, W.) – 3259
Lisyansky, A.A. (see Deych, Lev I.) – 5390
Littlewood, Peter (see Majumdar, Pinaki) – 1314
Liu, Andrea J. (see Ha, B.-Y.) – 1011
Liu, Anthony S. (see Anderson, John D.) – 2858
Liu, Bei (see Shvartsburg, Alexandre A.) – 4616
Liu, Da-Jiang; John D. Weeks, and Daniel Kandel – Current-Induced Step Bending Instability on Vicinal Surfaces – 2743
Liu, Feng (see Qin, X.R.) – 2288
 ____ (see Rudkevich, E.) – 3467
Liu, Feng-Chuan (see Day, Peter K.) – 2474
Liu, H.L.; S.L. Cooper, and S-W. Cheong – Optical Study of the Evolution of Charge and Spin Ordering in the Manganese Perovskite $\text{Bi}_{1-x}\text{Ca}_x\text{MnO}_3$ ($x > 0.5$) – 4684
Liu, H.M. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Liu, J. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Liu, J.B. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Liu, J.H. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Liu, Jie; Bambi Hu, and Baowen Li – Nonadiabatic Geometric Phase and Hannay Angle: A Squeezed State Approach – 1749
Liu, Jun (see Bajaj, Kapil M.S.) – 806
Liu, M.X. (see Abe, K.) – 942
Liu, Mario – Rotating Superconductors and the Frame-Independent London Equation – 3223
 – Erratum: Off-Equilibrium, Static Fields in Dielectric Ferrofluids [Phys. Rev. Lett. **80**, 2937 (1998)] – 4782(E)
Liu, Pulin (see Chen, Zhonghui) – 2835(C)
Liu, Q. (see Hughes, D.A.) – 4664
Liu, R.G. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Liu, X. (see Abe, K.) – 942
Liu, Xiaoj; P.D. Vu, R.O. Pohl, F. Schiettekatte, and S. Roorda – Generation of Low-Energy Excitations in Silicon – 3171
Liu, Y. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Liu, Y.C. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Liu, Yong; Andrew J. Komrowski, and Andrew C. Kummel – Site-Selective Reaction of Br_2 with Second Layer Ga Atoms on the As-rich $\text{GaAs}(001)\text{-}2 \times 4$ Surface – 413

- Lizzit, S.; K. Pohl, A. Baraldi, G. Comelli, V. Fritzsche, E. W. Plummer, R. Stumpf, and Ph. Hofmann** – Physics of the Be(10 $\bar{1}$ 0) Surface Core Level Spectrum – 3271
- Llera-Rodríguez, D.** (see Ditchfield, R.) – 1259
- Llois, Ana Maria** (see Guevara, Javier) – 5306
- Lloyd, S.H.** (see Lee, S.L.) – 5209
- Lloyd, Seth** (see Abrams, Daniel S.) – 3992
- Lobatchev, V.** (see Betti, R.) – 5560
- Lobb, C.J.** (see Fournier, P.) – 4720
 ____ (see Ghosh, K.) – 4740
- Lobkowicz, F.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Apanasevich, L.) – 2642
- Lobo, C.** (see Leon, R.) – 2486
- Löcher, Markus** (see Lindner, John F.) – 5048
- Lockyer, N.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Lodge, Timothy P.** (see Ryu, Chang Yeol) – 5354
- Löffler, M.** (see Lukin, M.D.) – 2675
- Loh, Kok-Kiong; and Joseph Rudnick** – Textures and the Shapes of Domains in Langmuir Monolayers – 4935
- Löhner, H.** (see Aggarwal, M.M.) – 4087
- Lohner, M.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Loireleux, E.** (see Tatischeff, B.) – 1347(C)
- Loiseau, A.** (see Le Floch, D.) – 2272
- Loiseau, B.** (see Ericson, T.E.O.) – 5254(C)
- Loken, S.C.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Lökös, S.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Lolos, G.** (see Niculescu, G.) – 1805
- Lombardo, U.** (see Song, H.Q.) – 1584
- Londergan, J.T.** (see Boros, C.) – 4075
- London, R.A.** (see Drake, R.P.) – 2068
- Long, Didier; and Armand Ajdari** – Symmetry Properties of the Electrophoretic Motion of Patterned Colloidal Particles – 1529
- Long, O.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Longa, L.** (see Englert, J.) – 1457
- Longoni, G.** (see Sinzig, J.) – 3211
- Longour, C.; J. Garcés Narro, B. Blank, M. Lewitowicz, Ch. Miehé, P.H. Regan, D. Applebe, L. Axelsson, A.M. Bruce, W.N. Catford, C. Chandler, R.M. Clark, D.M. Cullen, S. Czajkowski, J.M. Daugas, Ph. Dessagne, A. Fleury, L. Frankland, W. Gelletly, J. Giovinazzo, B. Greenhalgh, R. Grzywacz, M. Harder, K.L. Jones, N. Kelsall, T. Kszczot, R.D. Page, C.J. Pearson, A.T. Reed, O. Sorlin, and R. Wadsworth** – Observation of Fermi Superalloyed β^+ Decays in Heavy Odd-Odd, $N = Z$ Nuclei: Evidence for 0^+ Ground States in ^{78}Y , ^{82}Nb , and ^{86}Tc – 3337
- Longtin, André; and Dante R. Chialvo** – Stochastic and Deterministic Resonances for Excitable Systems – 4012
- Loomis, C.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- López, Juan M.; and Henrik Jeldtoft Jensen** – Nonequilibrium Roughening Transition in a Simple Model of Fungal Growth in 1 + 1 Dimensions – 1734
- Lopez, Robert E.; Scott Dodelson, Robert J. Scherrer, and Michael S. Turner** – Probing Unstable Massive Neutrinos with Current Cosmic Microwave Background Observations – 3075
- López, Rosa; Ramón Aguado, Gloria Platero, and Carlos Tejedor** – Kondo Effect in ac Transport through Quantum Dots – 4688
- López Sancho, M.P.** (see Chico, L.) – 1278
- López-Ciudad, T.** (see García-Martin, A.) – 329
- López-Ciudad, Telesforo** (see Ramírez, Rafael) – 3303
- López-Rios, T.; D. Mendoza, F.J. García-Vidal, J. Sánchez-Dehesa, and B. Pannetier** – Surface Shape Resonances in Lamellar Metallic Gratings – 665
- Lorentz, B.** (see Meyer, H.O.) – 3096
- Lorenz, A.; F.N. Beg, J. Ruiz-Camacho, J. Worley, and A.E. Dangor** – Influence of a Prepulse Current on a Fiber Z Pinch – 361
- Lorenz, T.; B. Büchner, P.H.M. van Loosdrecht, F. Schönfeld, G. Chouteau, A. Revcolevschi, and G. Dhalenne** – Incommensurate Phase of CuGeO_3 : From Solitons to Sinusoidal Modulation – 148
- Lorenzana, J.** – Comment on “Geometric Phase in Jahn-Teller Crystals” – 490(C)
- Lorenzon, W.** (see Akerstaff, K.) – 5519
 ____ (see Blinov, B.B.) – 2906
- Loreti, M.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Abe, K.) – 942
- Loreto, V.** (see Puglisi, A.) – 3848
- LoSecco, J.M.** (see Adams, G.S.) – 5760
- Löser, F.** (see Holfeld, C.P.) – 874
- Losert, W.; O.N. Mesquita, J.M.A. Figueiredo, and H.Z. Cummins** – Direct Measurement of Dendritic Array Stability – 409
- Loshak, A.** (see Simmonds, R.W.) – 1247
- Lou, X.C.** (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Louie, Richard N.** (see Upadhyay, Shashi K.) – 3247
- Louie, Steven G.** (see Côté, Michel) – 697
 ____ (see Rohlfing, Michael) – 2312
- Louis, A.A.; and N.W. Ashcroft** – Extending Linear Response: Inferences from Electron-Ion Structure Factors – 4456
- Louis, Enrique** (see Ortega, Guillermo J.) – 4345
- Louis, W.C.** (see Athanassopoulos, C.) – 1774
- Lounis, B.** (see Brunel, Ch.) – 2679
- Lourie, O.; D.M. Cox, and H.D. Wagner** – Buckling and Collapse of Embedded Carbon Nanotubes – 1638

AUTHOR INDEX

- Lourie, R.W.; J.M. Finn, J.I. McIntyre, B.D. Milbrath, C.F. Perdrisat, and P.E. Ulmer** – Lourie *et al.* Reply – 2832(C)
- Loveday, J.S.** (see Nemes, R.J.) – 2719
- Lövenich, R.** (see Kner, P.) – 5386
- Lowe, David A.** – Statistical Origin of Black Hole Entropy in Matrix Theory – 256
- Löwen, H.** (see Allahyarov, E.) – 1334
 ____ (see Denton, A.R.) – 469
- Lowen, Steven B.** (see Thurner, Stefan) – 5688
- Lowery, B.** (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Lu, A.** (see Abe, K.) – 942
- Lü, Cai-Dian** (see Huitu, Katri) – 4313
- Lu, F.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Lu, J.G.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Lu, J.P.; J.B. Yau, S.P. Shukla, M. Shayegan, L. Wissinger, U. Rössler, and R. Winkler** – Tunable Spin-Splitting and Spin-Resolved Ballistic Transport in GaAs/AlGaAs Two-Dimensional Holes – 1282
- Lu, J.Y.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Lu, L.C.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Lu, T.** (see Dai, Z.G.) – 4301
- Lu, Wenchang; Peter Krüger, and Johannes Pollmann** – Missing-Row Asymmetric-Dimer Reconstruction of SiC(001)- $c(4 \times 2)$ – 2292
- Lu, Yu** (see Koch, R.H.) – 4512
- Lu, Z.H.; S. Bali, and J.E. Thomas** – Observation of Squeezing in the Phase-Dependent Fluorescence Spectra of Two-Level Atoms – 3635
- Lu, Z.Y.** (see Lee, Gun-Do) – 5872
- Lu, Zhong-Yi** (see Shvartsburg, Alexandre A.) – 4616
- Lubensky, T.C.** (see Verma, Ritu) – 4004
- Lucchesi, D.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Luchini, M.U.** (see Putikka, W.O.) – 2966
- Lücke, M.** (see Jung, Ch.) – 3651
- Lucovsky, G.** (see Wang, W.) – 4224
- Ludwig, E.J.** (see Veal, K.D.) – 1187
- Luedtke, W.D.** (see Cleveland, Charles L.) – 2036
- Lueking, L.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Lueking, L.H.** (see Alves, G.A.) – 1537(E)
- Luger, V.** (see Lauer, I.) – 2052
- Luggenhölscher, D.** (see Czarnetzki, U.) – 4592
- Luh, D.-A.; T. Miller, and T.-C. Chiang** – Three-Dimensional Atomic Images of As/Si(111) Obtained by Derivative Photoelectron Holography – 4160
- Luis, A.; and L.L. Sánchez-Soto** – Complementarity Enforced by Random Classical Phase Kicks – 4031
- Lukashevich, I.I.** (see Safonov, A.I.) – 4545
- Luke, G.M.** (see Heffner, R.H.) – 1706
- Luke, J.** (see Ahle, L.) – 2650
- Lukens, P.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Apanasevich, L.) – 2642
- Lukin, M.D.; P.R. Hemmer, M. Löffler, and M.O. Scully** – Resonant Enhancement of Parametric Processes via Radiative Interference and Induced Coherence – 2675
- Lundberg, B.** (see Aitala, E.M.) – 44
- Lundberg, T.** (see Zozoulenko, I.V.) – 1744(C)
- Lundeen, S.R.** (see Fisher, D.S.) – 1817
- Lundin, N.I.** (see Gorelik, L.Y.) – 2538
- Lundqvist, Bengt I.** (see Bogicevic, Alexander) – 172
 ____ (see Bogicevic, Alexander) – 637
- Lung, A.** (see Niculescu, G.) – 1805
- Lung, A.F.** (see Bochna, C.) – 4576
- Luo, C.H.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Luo, H.J.; L. Schülke, and B. Zheng** – Dynamic Approach to the Fully Frustrated XY Model – 180
- Luo, Huan** (see Ruoff, Arthur L.) – 2723
- Luo, K.J.; H.T. Grahn, K.H. Ploog, and L.L. Bonilla** – Explosive Bifurcation to Chaos in Weakly Coupled Semiconductor Superlattices – 1290
- Luo, Li-Shi** – Unified Theory of Lattice Boltzmann Models for Nonideal Gases – 1618
- Lupi, S.** (see Calvani, P.) – 4504
- Lüpke, G.** (see Wang, W.) – 4224
 ____ (see Yao, Y.) – 550
- Luquin, L.** (see Aggarwal, M.M.) – 4087
- Lurio, L.B.** (see Malik, A.) – 5832
- Lushnikov, A.A.; and M. Kulmala** – Nucleation Controlled Formation and Growth of Disperse Particles – 5165
- Lusin, S.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Luther, G.G.** (see Buttler, W.T.) – 3283
- Lutz, B.R.** (see Nolan, P.D.) – 3179
- Lutz, H.O.** (see Kondratyev, V.N.) – 4508
- L’vov, A.I.; and R.L. Workman** – Comment on “Evidence for Narrow Baryon Resonances in Inelastic pp Scattering” – 1346(C)
- L’vov, Victor S.; Itamar Procaccia, and Damien Vandembroucq** – Universal Scaling Exponents in Shell Models of Turbulence: Viscous Effects Are Finite-Sized Corrections to Scaling – 802
 ____ (see Arad, Itai) – 5330
- Lyanda-Geller, Yuli; I.L. Aleiner, and Paul M. Goldbart** – Domain Walls and Conductivity of Mesoscopic Ferromagnets – 3215
- Lynch, H.L.** (see Abe, K.) – 942
- Lyngå, C.** (see Bellini, M.) – 297
- Lynn, J.W.** (see Osborn, R.) – 3964
- Lyon, A.L.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524

- ____ (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Lyra, Marcelo L. (see de Moura, Francisco A.B.F.) – 3735
Lys, J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Lythe, G. (see Celet, J.C.) – 975
Lythe, G.D. (see Jansons, Kalvis M.) – 3136
Lyubartsev, Alexander P.; Jay X. Tang, Paul A. Janmey, and Lars Nordenskiöld – Electrostatically Induced Polyelectrolyte Association of Rodlike Virus Particles – 5465
Lyuksyutov, Igor F.; and Valery Pokrovsky – Magnetization Controlled Superconductivity in a Film with Magnetic Dots – 2344
- Ma, A.M.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Ma, E.C. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Ma, Ernest – Pathways to Naturally Small Neutrino Masses – 1171
Ma, Feng – Comment on “Signal of Quark Deconfinement in the Timing Structure of Pulsar Spin-Down” – 1983(C)
Ma, J. (see Abe, K.) – 942
Ma, J.M. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Ma, Michael (see Li, Y.Q.) – 3527
Ma, W.Q. (see Hu, G.) – 5314
Maas, W. (see Cory, D.G.) – 2152
Mabuchi, H.; and H.M. Wiseman – Retroactive Quantum Jumps in a Strongly Coupled Atom-Field System – 4620
Macchiavelli, A.O. (see Isaac, M.C. Perillo) – 2416
Macchiavello, Chiara (see Bruss, Dagmar) – 2598
Macchietto, C.D. (see Benware, B.R.) – 5804
MacDonald, A.H.; T. Jungwirth, and M. Kasner – Temperature Dependence of Itinerant Electron Junction Magnetoresistance – 705
 ____ (see Jungwirth, T.) – 2328
Macdonald, R.; F. Kentischer, P. Warnick, and G. Heppke – Antiferroelectricity and Chiral Order in New Liquid Crystals of Nonchiral Molecules Studied by Optical Second Harmonic Generation – 4408
MacFarlane, D.B. (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
MacGillivray, W.R. (see Shurgalin, M.) – 4604
MacGowan, B.J. (see Glenzer, S.H.) – 365
Mach, P.; R. Pindak, A.-M. Levelut, P. Barois, H.T. Nguyen, C.C. Huang, and L. Furenli – Structural Characterization of Various Chiral Smectic-C Phases by Resonant X-Ray Scattering – 1015
Machida, Masahiko (see Tanaka, Akihiro) – 1746(C)
Maciel, A.K.A. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Mack, A.M. (see Marković, N.) – 701
Mack, D. (see Niculescu, G.) – 1805
Mack, D.J. (see Bochna, C.) – 4576
MacKinnon, A.J. (see Borghesi, M.) – 112
 ____ (see Borghesi, M.) – 4274(C)
MacLaughlin, D.E. (see Booth, C.H.) – 3960
 ____ (see Heffner, R.H.) – 1706
MacLeod, R.W. (see Isaac, M.C. Perillo) – 2416
Madaras, R.J. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Madarász, Emília (see Czirk, András) – 3038
Maddalena, V. (see Navin, A.) – 5089
Madden, R. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Madey, R. (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
Madison, D.H. (see Jones, S.) – 2886
 ____ (see Shurgalin, M.) – 4604
Madison, K.W.; M.C. Fischer, R.B. Diener, Qian Niu, and M.G. Raizen – Dynamical Bloch Band Suppression in an Optical Lattice – 5093
Madsen, Jes – How to Identify a Strange Star – 3311
Maeda, K. (see Bhang, H.) – 4321
Maeda, Kengo; Takashi Torii, and Makoto Narita – Do Naked Singularities Generically Occur in Generalized Theories of Gravity? – 5270
Maeda, M. (see Niculescu, G.) – 1805
Maekawa, S. (see Mitani, S.) – 2799
Maekawa, Sadamichi (see Yamanaka, Masanori) – 5604
Maekawa, T. (see Yazaki, T.) – 3128
Maeno, Y.; T. Ando, Y. Mori, E. Ohmichi, S. Ikeda, S. NishiZaki, and S. Nakatsuji – Enhancement of Superconductivity of Sr_2RuO_4 to 3 K by Embedded Metallic Microdomains – 3765
Maeshima, K. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Magaña-Mendoza, L. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Magdaleno, F.X. (see Casademunt, J.) – 5950(C)
Magelssen, G. (see Murphy, T.J.) – 108
Maggiora, A. (see Balestra, F.) – 4572
Maggiora, M. (see Balestra, F.) – 4572
Maggs, A.C. (see Amblard, F.) – 1135(C)
 ____ (see Amblard, F.) – 1136(E)
Maggs, J.E. (see Burke, A.T.) – 3659
Magli, Renato (see Celli, Milva) – 5828
Maglione, E.; L.S. Ferreira, and R.J. Liotta – Nucleon Decay from Deformed Nuclei – 538
Maglione, Mario – Comment on “Indications of a $T = 0$ Quantum Phase Transition in SrTiO_3 ” – 3299(C)
Mahadevan, Priya (see Sarma, D.D.) – 1658
Mahajan, S.M.; and Z. Yoshida – Double Curl Beltrami Flow: Diamagnetic Structures – 4863
Mahalu, D. (see Goldhaber-Gordon, D.) – 5225
Mahapatra, D.P. (see Aggarwal, M.M.) – 4087
Mahapatra, Susanta; and Horst Köppel – Quantum Mechanical Study of Optical Emission Spectra of Rydberg-Excited H_3 and Its Isotopomers – 3116
Mahjoub, H.F.; C. Bourgaux, P. Sergot, and M. Kleman – Evidence of a Sponge-to-Lamellar Phase Transition under Shear by X-Ray Scattering Experiments in a Couette Cell – 2076
Mahmood, A.H. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272

AUTHOR INDEX

- ____ (see Browder, T.E.) – 1786
- Mahr, Thomas; and Ingo Rehberg** – Parametrically Excited Surface Waves in Magnetic Fluids: Observation of Domain Structures – 89
- Maier, Frédéric** (see Bonard, Jean-Marc) – 1441
- Maier, H.J.** (see Veal, K.D.) – 1187
- Maier, K.** (see Kivimäki, A.) – 301
- Maierle, Christopher S.; Daniel A. Lidar, and Robert A. Harris** – How to Teleport Superpositions of Chiral Amplitudes – 5928
- Maignan, A.** (see Kirtley, J.R.) – 2140
- Mair, R.W.** (see Tseng, C.H.) – 3785
- Maisier, E.** (see Fournier, P.) – 4720
- Maisinger, K.; and U. Schollwöck** – Thermodynamics of Frustrated Quantum Spin Chains – 445
- Maiti, A.** (see Chisholm, M.F.) – 132
- ____ (see Yan, Y.) – 3675
- Majewski, S.** (see Niculescu, G.) – 1805
- Majkic, R.** (see Athanassopoulos, C.) – 1774
- Majumdar, N.; P. Bhattacharya, D.C. Biswas, R.K. Choudhury, D.M. Nadkarni, and A. Saxena** – Majumdar *et al.* Reply – 4778(C)
- Majumdar, Pinaki; and Peter Littlewood** – Magnetoresistance in Mn Pyrochlore: Electrical Transport in a Low Carrier Density Ferromagnet – 1314
- Majumdar, Satya N.; and Alan J. Bray** – Persistence with Partial Survival – 2626
- ____ **Supriya Krishnamurthy, and Mustansir Barma** – Nonequilibrium Phase Transitions in Models of Aggregation, Adsorption, and Dissociation – 3691
- Mak, C.H.; R. Egger, and H. Weber-Gottschick** – Multilevel Blocking Approach to the Fermion Sign Problem in Path-Integral Monte Carlo Simulations – 4533
- Makdisi, Y.** (see Mardor, I.) – 5085
- Makida, Y.** (see Matsunaga, H.) – 4052
- Makins, N.C.R.** (see Ackerstaff, K.) – 5519
- Makishima, A.** (see Ishii, T.) – 4100
- Maksimov, L.A.** (see Burin, A.L.) – 2395(E)
- Maksimovic, P.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Malandro, Dennis L.; and Daniel J. Lacks** – Molecular-Level Mechanical Instabilities and Enhanced Self-Diffusion in Flowing Liquids – 5576
- Malchow, R.** (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Maley, M.P.** (see Koshelev, A.E.) – 902
- Mali, M.** (see Raffa, F.) – 5912
- Malik, A.; A.R. Sandy, L.B. Lurio, G.B. Stephenson, S.G.J. Mochrie, I. McNulty, and M. Sutton** – Coherent X-Ray Study of Fluctuations during Domain Coarsening – 5832
- Malka, G.** (see Fuchs, J.) – 4275(C)
- Malka, V.** (see Amiranoff, F.) – 995
- ____ (see Clayton, C.E.) – 100
- Mallozzi, R.; J. Orenstein, J.N. Eckstein, and I. Bozovic** – High-Frequency Electrodynamics of $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$: Nonlinear Response in the Vortex State – 1485
- Malomed, Boris** (see Kozhekin, Alexander E.) – 3647
- Manaenkov, S.I.** (see Ackerstaff, K.) – 5519
- Manak, J.J.** (see Adams, G.S.) – 5760
- Manankov, V.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Manara, A.** (see Balestra, F.) – 4572
- Manashov, A.N.** (see Braun, V.M.) – 2020
- Mancinelli, G.** (see Abe, K.) – 942
- Mancini, H.** (see de San Roman, F.S.) – 3639
- Mandel, Paul** (see Tlidi, M.) – 979
- Maneval, J-P** (see Jelila, F.S.) – 1933
- Mang, M.** (see Shin, Y.) – 1576
- Mangano, M.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Mani, S.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- ____ (see Apanasevich, L.) – 2642
- Manko, V.** (see Aggarwal, M.M.) – 4087
- Mankos, M.** (see Tromp, R.M.) – 1050
- Manly, S.** (see Abe, K.) – 942
- Mann, R.** (see Schmitt, W.) – 4337
- Mann, R.B.** (see Booth, I.S.) – 5052
- Mannervik, S.; D. DeWitt, L. Engström, J. Lidberg, E. Lindroth, R. Schuch, and W. Zong** – Strong Relativistic Effects and Natural Linewidths Observed in Dielectronic Recombination of Lithiumlike Carbon – 313
- Mannhart, J.** (see Il'ichev, E.) – 894
- Manninen, M.** (see Anghel, D.V.) – 2958
- Manohar, Aneesh V.** – Wess-Zumino Terms in Supersymmetric Gauge Theories – 1558
- Manohar, C.** (see Narayanan, Janaky) – 228
- Mañosa, Lluís** (see Carrillo, Lluís) – 1889
- Manousakis, Efstratios** (see Pierce, Marlon) – 156
- Mansour, J.** (see Apanasevich, L.) – 2642
- Mantovani, G.** (see Abe, K.) – 942
- Mantsinen, M.** (see Eriksson, L.-G.) – 1231
- Manu** (see Sain, Anirban) – 4377
- Manzke, R.** (see Gawlik, K.-U.) – 1536(C)
- Mao, H.S.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- ____ (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Mao, Z.P.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Maple, M.B.** (see Booth, C.H.) – 3960
- ____ (see de Andrade, M.C.) – 5620
- Maquet, Alfred** (see Taïeb, Richard) – 2882
- Marani, R.** (see Cognet, L.) – 5044
- Maravin, Y.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Marchenko, V.I.** (see Brener, Efim A.) – 5141
- Marchenkov, A.** (see Simmonds, R.W.) – 1247
- Marciano, William J.** (see Czarenecki, Andrzej) – 277
- Marconi, U. Marini Bettolo** (see Puglisi, A.) – 3848
- Marcus, C.M.** (see Cronenwett, S.M.) – 5904
- ____ (see Huibers, A.G.) – 200
- ____ (see Huibers, A.G.) – 1917
- ____ (see Patel, S.R.) – 5900
- Marder, M.** (see Holland, Dominic) – 4029(E)

- Mardor, I.; S. Durrant, J. Aclander, J. Alster, D. Barton, G. Bunce, A. Carroll, N. Christensen, H. Courant, S. Gushue, S. Heppelmann, E. Kosonovsky, Y. Mardor, M. Marshak, Y. Makdisi, E.D. Minor, I. Navon, H. Nicholson, E. Piasetzky, T. Roser, J. Russell, C.S. Sutton, M. Tanaka, C. White, and J.-Y. Wu** – Nuclear Transparency in Large Momentum Transfer Quasielastic Scattering – 5085
- Mardor, Y.** (see Mardor, I.) – 5085
- Maret, Georg** (see Scheffold, Frank) – 5800
- Margaritondo, G.** (see Wang, W.) – 4224
 ____ (see Zwick, F.) – 1058
 ____ (see Zwick, F.) – 2974
- Marie-de-Ficquelmont, A.** (see Jelila, F.S.) – 1933
- Marinari, E.; C. Naitza, F. Zuliani, G. Parisi, M. Picco, and F. Ritort** – General Method to Determine Replica Symmetry Breaking Transitions – 1698
- Marinaro, D.G.** (see Hinde, D.J.) – 4777(C)
- Marinescu, M.; and L. You** – Controlling Atom-Atom Interaction at Ultralow Temperatures by dc Electric Fields – 4596
- Mariot, Jean-Michel** (see Sacchi, Maurizio) – 1521
- Mariotti, M.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Maritan, Amos** (see Clementi, Cecilia) – 3287
 ____ (see Seno, Flavio) – 2172
- Märk, T.D.** (see Farizon, B.) – 4108
- Marka, S.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Markeloff, R.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Markianos, K.** (see Reyes, M.A.) – 4079
- Markiewicz, T.W.** (see Abe, K.) – 942
- Marković, N.; A.M. Mack, G. Martinez-Arizala, C. Christiansen, and A.M. Goldman** – Evidence of Vortices on the Insulating Side of the Superconductor-Insulator Transition – 701
 ____ **C. Christiansen, and A.M. Goldman** – Thickness–Magnetic Field Phase Diagram at the Superconductor-Insulator Transition in 2D – 5217
- Markowitz, P.** (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
- Marks, Laurence D.** (see Plass, Richard) – 4891
- Marks, R.F.** (see Tober, E.D.) – 1897
- Marowsky, Gerd** (see Hildebrandt, Ralf) – 5548
- Marquès, J.R.** (see Amiranoff, F.) – 995
- Márquez, Antonio M.** (see Pacchioni, Gianfranco) – 377
- Marriner, J.P.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Marro, J.; P.L. Garrido, and J.J. Torres** – Effect of Correlated Fluctuations of Synapses in the Performance of Neural Networks – 2827
- Marrocco, M.; M. Weidinger, R.T. Sang, and H. Walther** – Quantum Electrodynamical Shifts of Rydberg Energy Levels between Parallel Metal Plates – 5784
- Marsh, Chris D.** (see Kolosov, Oleg V.) – 1046
- Marsh, M.A.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Marsh, W.** (see Kim, J.H.) – 3595
- Marshak, M.** (see Mardor, I.) – 5085
- Marshall, F.J.** (see Murphy, T.J.) – 108
- Marshall, T.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Marshall, W.G.** (see Nemes, R.J.) – 2719
- Marsiske, H.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Martens, F.K.** (see Akerstaff, K.) – 5519
- Martens, K.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Mårtensson, N.** (see Föhlich, A.) – 1730
- Martignom, G.** (see Abe, F.) – 1791
- Martignon, G.** (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
- Martin, A.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Martin, J.W.** (see Akerstaff, K.) – 5519
- Martin, M.** (see Aggarwal, M.M.) – 4087
- Martin, M.I.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Martin, N.L.S.; D.B. Thompson, R.P. Bauman, C.D. Caldwell, M.O. Krause, S.P. Frigo, and M. Wilson** – Electric-Dipole–Quadrupole Interference of Overlapping Autoionizing Levels in Photoelectron Energy Spectra – 1199
- Martin, O.C.** (see Houdayer, J.) – 2554
- Martin, R.D.** (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
- Martin, Richard M.** (see Souza, Ivo) – 4452
- Martinez, G.** (see Sadowski, M.L.) – 2834(C)
- Martinez-Arizala, G.** (see Marković, N.) – 701
- Martínez-Pinedo, Gabriel; and Petr Vogel** – Shell Model Calculation of the β^- and β^+ Partial Half-Lives of ^{54}Mn and Other Unique Second Forbidden β Decays – 281
- Martinez-Quiroz, E.** (see Kolata, J.J.) – 4580
- Martinoty, P.; J.L. Gallani, and D. Collin** – Hydrodynamic and Nonhydrodynamic Behavior of Layer-Compression Modulus B at the Nematic–Smectic-A Phase Transition in 8OCB – 144
- Martín-Rodero, A.** (see Cuevas, J.C.) – 2990
- Martins Alves, M.C.** (see Piamonteze, C.) – 4652
- Martins, M.J.; B. Nienhuis, and R. Rietman** – Intersecting Loop Model as a Solvable Super Spin Chain – 504
- Martoff, C.J.** (see Niculescu, G.) – 1805
- Maruyama, T.** (see Abe, K.) – 942

AUTHOR INDEX

- ____ (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
Maruyama, Yutaka (see Ohtsuki, Tsutomu) – 967
Marvin, T. (see Prinz, A.A.) – 1175
Marx, D. (see Seelig, P.) – 4824
Maschuw, R. (see Armbruster, B.) – 520
Mase, H. (see Ikehata, T.) – 1853
Masek, G. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Masella, V. (see Hall, T.A.) – 1003
Maselli, P. (see Calvani, P.) – 4504
Maslov, S. (see Zheludev, A.) – 5410
Masoli, F. (see Ackerstaff, K.) – 5519
Mason, P. (see Barr, H.C.) – 2910
Mason, R.J. (see Watt, R.G.) – 4644
Masquelier, C. (see Rodríguez-Carvajal, J.) – 4660
Massar, S. (see Linden, N.) – 3279
Masselot, Alexandre (see Chopard, Bastien) – 1845
Masuda, H. (see Abe, K.) – 942
Masuda, T. (see Zheludev, A.) – 5410
Masumoto, Kazuyoshi (see Ohtsuki, Tsutomu) – 967
Masuzawa, M. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 4279(E)
Mateos, A. (see Ackerstaff, K.) – 5519
Mathet, V. (see Aign, T.) – 5656
Mathieu, C.; J. Jorzick, A. Frank, S.O. Demokritov, A.N. Slavin, B. Hillebrands, B. Bartenlian, C. Chappert, D. Decanini, F. Rousseaux, and E. Cambril – Lateral Quantization of Spin Waves in Micron Size Magnetic Wires – 3968
Mathur, H. (see Yu, Yi-Kuo) – 3924
Matías, M.A.; and J. Güémez – Transient Periodic Rotating Waves and Fast Propagation of Synchronization in Linear Arrays of Chaotic Systems – 4124
Matsubara, Y. (see Takeda, M.) – 1163
Matsuda, Azusa (see Suzuki, Minoru) – 4248
Matsuda, E.K. (see Odaka, S.) – 2428
Matsuda, Y. (see Gaifullin, M.B.) – 3551(C)
Matsui, T. (see Odaka, S.) – 2428
Matsumoto, H. (see Matsunaga, H.) – 4052
Matsumoto, K. (see Hatakeyama, S.) – 2016
Matsunaga, H.; S. Orito, H. Matsumoto, K. Yoshimura, A. Moiseev, K. Anraku, R. Golden, M. Imori, Y. Makida, J. Mitchell, M. Motoki, J. Nishimura, M. Nozaki, J. Ormes, T. Saeki, T. Sanuki, R. Streitmatter, J. Suzuki, K. Tanaka, I. Ueda, N. Yajima, T. Yamagami, A. Yamamoto, and T. Yoshida – Measurement of Low-Energy Cosmic-Ray Antiprotons at Solar Minimum – 4052
Matsuno, S. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Matsuoka, K. (see Fujisawa, A.) – 2256
Matthaeus, W.H.; Sean Oughton, Sanjoy Ghosh, and Murshed Hossain – Scaling of Anisotropy in Hydromagnetic Turbulence – 2056
Matthews, A.J. (see Watts, J.P.) – 4220
Matthews, J.A.J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Matthews, M.R.; D.S. Hall, D.S. Jin, J.R. Ensher, C.E. Wieman, E.A. Cornell, F. Dalfovo, C. Minniti, and S. Stringari – Dynamical Response of a Bose-Einstein Condensate to a Discontinuous Change in Internal State – 243
 ____ (see Hall, D.S.) – 1539
 ____ (see Hall, D.S.) – 1543
 ____ (see Hall, D.S.) – 4531(E)
 ____ (see Hall, D.S.) – 4532(E)
Matthieussent, G. (see Amiranoff, F.) – 995
Mattsson, Ann E. (see Kohn, Walter) – 3487
Matusek, Daniel R. (see Sakai, Hirofumi) – 2217
Matveev, K.A.; and L.I. Glazman – Charge Quantization in a Normal Coulomb Island Strongly Coupled to a Superconductor – 3739
Mauger, C. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Maul, A. (see Apanasevich, L.) – 2642
Maurer, S.M. (see Cronenwett, S.M.) – 5904
Maurer, S.S. (see McCarthy, D.R.) – 3399
Mauri, D. (see Back, C.H.) – 3251
Mauritz, K.M. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Mavrikakis, M.; B. Hammer, and J.K. Nørskov – Effect of Strain on the Reactivity of Metal Surfaces – 2819
Mavropoulos, Ph.; N. Stefanou, B. Nonas, R. Zeller, and P.H. Dederichs – Hyperfine Fields of *sp* Impurities on Ni and Fe Surfaces – 1505
Maximov, A. (see Aggarwal, M.M.) – 4087
Maxwell, C.J. (see Campbell, J.M.) – 1568
May, B. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Mayer, A.P. (see Eckl, C.) – 983
Maynard, J.D. (see Krysa, L.C.) – 4428
Mayne, A. (see Derycke, V.) – 5868
Mayorov, A.A. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Mays, J.W. (see Guenoun, P.) – 3872
MayTal-Beck, S. (see Aitala, E.M.) – 44
Maytorena, Jesús A. (see Petukhov, A.V.) – 566
Maza, D. (see de San Roman, F.S.) – 3639
Mazilu, Dumitru (see Mihalache, Dumitru) – 4353
Mazzanti, P. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Mazzucato, E. (see Abe, K.) – 942
McAndrew, M. (see Ackerstaff, K.) – 5519
McCarthy, D.R.; and S.S. Maurer – Increased Destabilization of the Parallel Velocity Shear Instability due to Reversed Magnetic Shear – 3399
McCarthy, R. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
McCaughan, L. (see Rudkevich, E.) – 3467
McClintock, P.V.E. (see Dodd, M.E.) – 3703
McCombe, B.D. (see Jiang, Z.X.) – 3499

- McConnell, H.M.** (see Keller, S.L.) – 5019
- McCray, Richard** (see Drake, R.P.) – 2068
- McCready, S.S.** (see Aselage, T.L.) – 2316
- McCready, Steven S.** (see Day, Peter K.) – 2474
- McCrory, R.L.** (see Betti, R.) – 5560
- McDonald, J.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Gurevich, A.) – 2546
- McDonald, John** (see Enqvist, Kari) – 3071
- McDonough, J.** (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
- McEuen, Paul L.** (see Cobden, David H.) – 681
- McFadden, J.P.** (see Ergun, R.E.) – 826
- McFarland, K.** (see Abe, F.) – 1791
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
- McFarland, K.S.** (see Kim, J.H.) – 3595
- McFarlane, K.W.** (see Bochna, C.) – 4576
- McGrath, R.L.** (see Danielewicz, P.) – 2438
- McGrew, C.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- McGuire, J.H.** (see Dörner, R.) – 5776
- McGuirk, J.M.** (see Snadden, M.J.) – 971
- McIlhany, K.** (see Ackerstaff, K.) – 5519
 ____ (see Athanassopoulos, C.) – 1774
- McIntyre, P.** (see Abe, F.) – 5278
- McIntyre, J.I.** (see Lourie, R.W.) – 2832(C)
- McIntyre, P.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- McKee, R.A.; F.J. Walker, and M.F. Chisholm** – Crystalline Oxides on Silicon: The First Five Monolayers – 3014
- McKemey, A.K.** (see Abe, K.) – 942
- McKenzie, Ross H.; and Perez Moses** – Incoherent Interlayer Transport and Angular-Dependent Magnetoresistance Oscillations in Layered Metals – 4492
- McKeown, R.D.** (see Ackerstaff, K.) – 5519
 ____ (see Bochna, C.) – 4576
- McKibben, T.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- McKinley, J.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- McLachlan, Robert I.; G.R.W. Quispel, and Nicolas Robidoux** – Unified Approach to Hamiltonian Systems, Poisson Systems, Gradient Systems, and Systems with Lyapunov Functions or First Integrals – 2399
- McLaughlin, K.W.; O. Yenen, and D.H. Jaecks** – Production of Purely Spin-Aligned Autoionizing States Which Decay to Orbital-Aligned Ionic States – 289
- McLean, K.W.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- McLeish, T.C.B.** (see Milner, S.T.) – 725
 ____ (see Olmsted, P.D.) – 373
- McMahon, T.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- McNeile, C.** (see Bernard, C.) – 4812
- McNeile, Craig** (see Bernard, Claude) – 3087
- McNulty, C.** (see Kim, J.H.) – 3595
- McNulty, I.** (see Malik, A.) – 5832
- Meadows, B.** (see Aitala, E.M.) – 44
- Meadows, B.T.** (see Abe, K.) – 942
- Meca, Carlos C.; and João P. Silva** – Detecting New Physics Contributions to the D^0 - $\bar{D}^0$ Mixing through Their Effects on B Decays – 1377
- Méchin, L.** (see Jelila, F.S.) – 1933
- Medina, A.** (see Velasco, S.) – 5470(C)
- Medvedev, M.V.; P.H. Diamond, M.N. Rosenbluth, and V.I. Shevchenko** – Asymptotic Theory of Nonlinear Landau Damping and Particle Trapping in Waves of Finite Amplitude – 5824
- Meekins, D.** (see Niculescu, G.) – 1805
- Meekins, D.G.** (see Bochna, C.) – 4576
- Meersmann, Thomas; and Mathias Haake** – Magnetic Field Dependent Xenon-131 Quadrupolar Splitting in Gas and Liquid Phase NMR – 1211
- Meersschaut, J.** (see Demuyne, S.) – 2562
- Meftah, T.** (see Godbert-Mouret, L.) – 5568
- Mehdiyev, R.** (see Aggarwal, M.M.) – 4087
- Mehlig, B.** (see Chalker, J.T.) – 3367
- Meier, G.** (see Beiner, M.) – 594
- Meier, K.** (see Seelig, P.) – 4824
- Meijer, G.** (see von Helden, G.) – 1825
- Meingast, Christoph** (see Pasler, Volker) – 1094
- Meir, Yigal** (see Wingreen, Ned S.) – 4280(E)
- Meirav, U.** (see Balaban, N.Q.) – 4967
 ____ (see Goldhaber-Gordon, D.) – 5225
- Meissner, F.** (see Ackerstaff, K.) – 5519
- Mejia-Monasterio, Carlos; Jean Richert, Thomas Rupp, and Hans A. Weidenmüller** – Properties of Low-Lying States in a Diffusive Quantum Dot and Fock-Space Localization – 5189
- Melanson, H.L.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Mele, E.J.** (see Pykhtin, M.V.) – 5940
- Melese, P.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Meleshko, S.V.** (see Grigoryev, Yu.N.) – 93
- Mélin, T.; and F. Laruelle** – Exciton-Exciton Interactions in AlAs/GaAs Coupled Quantum Wire Arrays – 4460
 ____ (see Kumar, Rajesh) – 2578
- Melle, Sonia** (see Brú, Antonio) – 4008
- Meller, Amit** (see Tlusty, Tsvi) – 1738
- Meloni, A.** (see De Michelis, P.) – 5023
- Menden, F.M.** (see Ackerstaff, K.) – 5519
- Mendes Filho, J.** (see Andrade, J.S., Jr.) – 926
- Mendez, A.J.** (see Veal, K.D.) – 1187
- Méndez-Galain, R.** (see Bediaga, I.) – 4067
- Mendis, D.A.** (see Mohideen, U.) – 349
- Mendoza, Bernardo S.; Andrea Gaggiotti, and Rodolfo Del Sole** – Microscopic Theory of Second Harmonic Generation at Si(100) Surfaces – 3781
 ____ (see Petukhov, A.V.) – 566
- Mendoza, D.** (see López-Ríos, T.) – 665
- Menegatti, G.** (see Abe, K.) – 942
- Meng, X.C.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091

AUTHOR INDEX

- ____ (see Bai, J.Z.) – 5080
Menguzzato, M. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Menon, N. (see Alam, M.S.) – 3328
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Menoni, C.S. (see Vaschenko, G.) – 5536
Menovsky, A.A. (see Wasser, S.) – 898
Menson, N. (see Anderson, S.) – 3823
Menzel, A. (see Conrad, E.H.) – 3175
Menzel, D. (see Föhlisch, A.) – 1730
Menzione, A. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Meredith, D. (see Cooper, Fred) – 241(C)
Mergel, V. (see Dörner, R.) – 5776
Merkin, M. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Merkt, F. (see Palm, H.) – 1385
Merlic, C.A. (see Chow, D.S.) – 3984
Merrison, J.P. (see Bluhme, H.) – 73
Merritt, K.W. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Mertelj, A.; and M. Čopič – Surface-Dominated Orientational
 Dynamics and Surface Viscosity in Confined Liquid Crystals – 5844
Mertens, A. (see Auth, C.) – 4831
Mertens, Stephan – Phase Transition in the Number Partitioning
 Problem – 4281
Merz, J.L. (see Lee, S.) – 3479
Merz, P. (see Seelig, P.) – 4824
Meschi, E. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Mesquita, O.N. (see Losert, W.) – 409
Mesropian, C. (see Abe, F.) – 5278
Messier, M.D. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Messner, R. (see Abe, K.) – 942
Metheny, J. (see Alves, G.A.) – 1537(E)
Methfessel, M. (see Finnis, M.W.) – 5149
Methfessel, Michael (see Fiorentini, Vincenzo) – 2184(E)
Mettin, Robert (see Holzfuss, Joachim) – 1961
Metz, A. (see Akerstaff, K.) – 5519
Metzger, T.H. (see Trenkler, J.) – 2276
Metzler, S. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Meunier, Jacques (see Shahidzadeh, Noushine) – 4268
Meunier, V.; and Ph. Lambin – Tight-Binding Computation of the
 STM Image of Carbon Nanotubes – 5588
Meyer, David A.; and Thad A. Brown – Statistical Mechanics of
 Voting – 1718
Meyer, H.O.; J.T. Balewski, M. Dziedzic, J. Doskow,
R.E. Pollock, B. von Przewoski, T. Rinckel, F. Sperisen,
P. Thörngren-Engblom, M. Wolanski, W. Haeberli, B. Lorentz,
F. Rathmann, B. Schwartz, T. Wise, W.W. Daehnick,
R.W. Flammang, Swapn K. Saha, D.J. Tedeschi, and
P.V. Pancella – Dependence of $\vec{p}\vec{p} \rightarrow pp\pi^0$ near Threshold on the
 Spin of the Colliding Nucleons – 3096
Meyer, H.-G. (see Il'ichev, E.) – 894
Meyer, Martin (see Lee, Youngki) – 3275
Meyer, P. (see Aign, T.) – 5656
Meyer, W. (see Bock, A.) – 534
 ____ (see von Busch, H.) – 4584
Meyerhofer, D.D. (see Smalyuk, V.A.) – 5342
 ____ (see Watt, R.G.) – 4644
Meyer-ter-Vehn, J. (see Shvets, G.) – 4879
 ____ (see Sokolowski-Tinten, K.) – 224
Meyners, N. (see Akerstaff, K.) – 5519
Mézard, Marc (see Franz, Silvio) – 1758
Meziani, Z.-E. (see Bochna, C.) – 4576
Mgebrichvili, G. (see Aggarwal, M.M.) – 4087
Miake, Y. (see Aggarwal, M.M.) – 4087
 ____ (see Ahle, L.) – 2650
Miao, C. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Miao, T. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Michaelian, K. (see Garzón, I.L.) – 1600
Michail, G. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Michal, Carl A.; and Robert Tycko – Nuclear Spin Polarization
 Transfer with a Single Radio-Frequency Field in Optically Pumped
 Indium Phosphide – 3988

- Michaud, M.; M. Lepage, and L. Sanche** – Lifetime of Negative Ion Resonances and the Density of Free Electron States: O₂ Isolated in an Argon Matrix – 2807
- Micheletti, Cristian** (see Seno, Flavio) – 2172
- Michels, T.** (see Kromer, F.) – 4476
- Michely, Thomas** (see Kalff, Matthias) – 1255
 ____ (see Ye, Gao-Xiang) – 622
- Michoud, D.** (see Bussac, M.N.) – 1678
- Micklitz, H.** (see Winkelmann, H.) – 4947
- Mieck, B.** (see Bányai, L.) – 882
- Mieczkowski, J.** (see Gorecka, E.) – 2946
- Miehé, Ch.** (see Longour, C.) – 3337
- Mieremet, A.L.** (see van der Lee, A.M.) – 5121
- Miesner, H.-J.** (see Stamper-Kurn, D.M.) – 500
 ____ (see Stamper-Kurn, D.M.) – 2194
- Miettinen, H.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Mignerey, A.** (see Ahle, L.) – 2650
- Mihalache, Dumitru; Dumitru Mazilu, and Lluís Torner** – Stability of Walking Vector Solitons – 4353
- Mihalescu, I.; J.C. Vial, and R. Romestain** – Mihalcescu, Vial, and Romestain Reply – 3805(C)
- Mihul, A.** (see Niculescu, G.) – 1805
- Mikhailov, A.S.** (see Hildebrand, M.) – 2602
 ____ (see Zykov, V.S.) – 2811
- Mikhalev, D.** (see Aggarwal, M.M.) – 4087
- Miklounkho, O.** (see Ackerstaff, K.) – 5519
- Mikoushkin, Valerii M.** (see Gerchikov, Leonid G.) – 2707
- Mikulla, R.; J. Stadler, F. Krul, H.-R. Trebin, and P. Gumbsch** – Crack Propagation in Quasicrystals – 3163
- Mila, F.** – Low-Energy Sector of the $S = 1/2$ Kagome Antiferromagnet – 2356
- Milbrath, B.D.** (see Lourie, R.W.) – 2832(C)
- Milburn, G.J.** (see Munro, W.J.) – 4285
- Milburn, R.H.** (see Aitala, E.M.) – 44
 ____ (see Alves, G.A.) – 1537(E)
- Milchberg, H.M.** (see Clark, T.R.) – 357
- Milder, A.** (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
- Miley, H.S.** (see Avignone, F.T., III) – 5068
- Miller, Bruce N.; and Paige Youngkins** – Phase Transition in a Model Gravitating System – 4794
- Miller, C.A.** (see Ackerstaff, K.) – 5519
- Miller, D.H.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Miller, J.S.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Miller, M.A.** (see Ackerstaff, K.) – 5519
 ____ (see Bochna, C.) – 4576
- Miller, R.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Apanasevich, L.) – 2642
- Miller, Scott** (see Hristov, Tihomir) – 5245
- Miller, T.** (see Luh, D.-A.) – 4160
 ____ (see Paggel, J.J.) – 5632
- Millot, G.** (see Pitois, S.) – 1409
- Mills, G.B.** (see Athanassopoulos, C.) – 1774
- Milner, R.** (see Ackerstaff, K.) – 5519
- Milner, S.T.; and T.C.B. McLeish** – Reptation and Contour-Length Fluctuations in Melts of Linear Polymers – 725
- Milošević, Dejan B.; and Anthony F. Starace** – Static-Electric-Field-Induced, High-Energy Plateau for Scattered X-Ray Photons in Laser-Assisted, X-Ray–Atom Scattering – 5097
 ____ (see de Bohan, Armelle) – 1837
- Milun, M.** (see Pervan, P.) – 4995
- Minami, T.** (see Fujisawa, A.) – 2256
- Minardi, Stefano** (see Di Trapani, Paolo) – 5133
- Minato, H.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Mincer, A.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Miné, P.** (see Amiranoff, F.) – 995
- Mine, S.** (see Fukuda, Y.) – 1562
- Mineev-Weinstein, M.** – Mineev-Weinstein Replies – 4529(C)
- Mineev-Weinstein, Mark** – Mineev-Weinstein Replies – 5952(C)
- Minniti, C.** (see Matthews, M.R.) – 243
- Minor, E.D.** (see Mardor, I.) – 5085
- Mintmire, J.W.; and C.T. White** – Universal Density of States for Carbon Nanotubes – 2506
- Miquel, J.L.** (see Fuchs, J.) – 4275(C)
- Miranda, P.B.; Lei Xu, Y.R. Shen, and Miquel Salmeron** – Icelike Water Monolayer Adsorbed on Mica at Room Temperature – 5876
- Miranda, R.** (see Camarero, J.) – 850
- Mirlin, A.D.; P. Wölfle, Y. Levinson, and O. Entin-Wohlman** – Velocity Shift of Surface Acoustic Waves due to Interaction with Composite Fermions in a Modulated Structure – 1070
- Miron, C.; M. Simon, N. Leclercq, D.L. Hansen, and P. Morin** – Site-Selective Photochemistry of Core Excited Molecules: Role of the Internal Energy – 4104
- Mirone, Alessandro** (see Sacchi, Maurizio) – 1521
- Miscetti, S.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Misguich, G.; B. Bernu, C. Lhuillier, and C. Waldtmann** – Spin Liquid in the Multiple-Spin Exchange Model on the Triangular Lattice: ³He on Graphite – 1098
- Mishina, M.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Mishra, C.S.** (see Abbott, B.) – 38

AUTHOR INDEX

- ____ (see Abbott, B.) – 524
- Mishra, G. C.** (see Aggarwal, M. M.) – 4087
- Mishra, S. R.; T. R. Cummins, G. D. Waddill, W. J. Gammon, G. van der Laan, K. W. Goodman, and J. G. Tobin** – Nature of Resonant Photoemission in Gd – 1306
- ____ (see Kim, J. H.) – 3595
- Misiejuk, A.** (see Onderwater, C. J. G.) – 2213
- ____ (see Spaltro, C. M.) – 2870
- Miśkowiec, D.** (see Shin, Y.) – 1576
- Mistry, N. B.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Mitani, S.; S. Takahashi, K. Takanashi, K. Yakushiji, S. Maekawa, and H. Fujimori** – Enhanced Magnetoresistance in Insulating Granular Systems: Evidence for Higher-Order Tunneling – 2799
- Mitchell, I. H.** (see Lebedev, S. V.) – 4152
- Mitchell, J.** (see Matsunaga, H.) – 4052
- ____ (see Niculescu, G.) – 1805
- Mitchell, J. F.** (see Osborn, R.) – 3964
- Mitchell, J. H.** (see Bochna, C.) – 4576
- Mitkov, Igor; Konstantin Kladko, and John E. Pearson** – Tunable Pinning of Burst Waves in Extended Systems with Discrete Sources – 5453
- Mitov, Zdravko; and Eugenia Kumacheva** – Convection-Induced Patterns in Phase-Separating Polymeric Fluids – 3427
- Mitra, Abbas** – Comment on “Bare Quark Matter Surfaces of Strange Stars and e^+e^- Emission” – 4774(C)
- Mitsyn, V.** (see Ackerstaff, K.) – 5519
- Miura, M.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Miyakawa, N.** (see DeWilde, Y.) – 492(E)
- Miyake, K.** (see Odaka, S.) – 2428
- Miyake, Takashi; Tadashi Ogitsu, and Shinji Tsuneyuki** – Quantum Distributions of Muonium and Hydrogen in Crystalline Silicon – 1873
- Miyamoto, S.** (see Hatakeyama, S.) – 2016
- Miyamoto, Y.** (see Aggarwal, M. M.) – 4087
- Miyano, K.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Hatakeyama, S.) – 2016
- ____ (see Shiozawa, M.) – 3319
- Miyashita, S.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Miyauchi, H.** (see Nakajima, N.) – 5229
- Miyazaki, Akira** (see Enoki, Toshiaki) – 3719
- Miyazaki, T.** (see Fang, Z.) – 1027
- ____ (see Watanabe, M. O.) – 5362
- Mizokawa, T.; and A. Fujimori** – Mizokawa and Fujimori Reply – 2183(C)
- ____ (see Ino, A.) – 2124
- Mizuno, J.** (see Heinzl, G.) – 5493
- Mizuno, Y.** (see Orihara, H.) – 3607
- Mizusaki, Takahiro** (see Otsuka, Takaharu) – 1588
- ____ (see Utsuno, Yutaka) – 5948(C)
- Mizushima, Kazuki** (see Šmilauer, Pavel) – 5600
- Mkrtchyan, H.** (see Niculescu, G.) – 1805
- Mkrtchyan, H. G.** (see Bochna, C.) – 4576
- Mlynek, J.** (see Gauck, H.) – 5298
- ____ (see Nowak, S.) – 5792
- Mochán, W. Luis** (see Petukhov, A. V.) – 566
- Mochrie, S. G. J.** (see Malik, A.) – 5832
- Möckel, Johannes** (see Just, Wolfram) – 562
- Mockett, P. M.** (see Abe, K.) – 942
- Modena, A.** (see Amiranoff, F.) – 995
- ____ (see Clayton, C. E.) – 100
- Modesti, S.** (see Goldoni, A.) – 3553(E)
- Modugno, G.; M. Inguscio, and G. M. Tino** – Search for Small Violations of the Symmetrization Postulate for Spin-0 Particles – 4790
- Moerner, W. E.** (see Dickson, Robert M.) – 5322
- Moeur, William A.** (see Day, Peter K.) – 2474
- Moffeit, K. C.** (see Abe, K.) – 942
- Moggi, N.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Mohanty, P.** (see Fournier, P.) – 4720
- Mohapatra, Rabindra N.; and Vigdor L. Teplitz** – Nucleosynthesis Constraints on Massive, Stable, Strongly Interacting Particles – 3079
- Mohideen, U.; H. U. Rahman, M. A. Smith, M. Rosenberg, and D. A. Mendis** – Intergrain Coupling in Dusty-Plasma Coulomb Crystals – 349
- ____ **and Anushree Roy** – Precision Measurement of the Casimir Force from 0.1 to 0.9 μm – 4549
- Mohring, R. M.** (see Bochna, C.) – 4576
- ____ (see Niculescu, G.) – 1805
- Möhwald, H.** (see Kaganer, V. M.) – 5864
- Moiseev, A.** (see Matsunaga, H.) – 4052
- Moiseyev, Nimrod** (see Narevicius, Edvardas) – 2221
- Mokhov, N.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Moldovan, Dorel** (see Golubović, Leonardo) – 3387
- Molenkamp, L. W.** (see Möller, S.) – 5197
- Moler, K. A.** (see Kirtley, J. R.) – 2140
- Molina-París, Carmen** (see Hochberg, David) – 4802
- Molinie, P.** (see Chauvet, O.) – 1102
- Möller, S.; H. Buhmann, S. F. Godijn, and L. W. Molenkamp** – Charging Energy of a Chaotic Quantum Dot – 5197
- Molstad, Jay C.** (see Ruoff, Arthur L.) – 2723
- Molz, W. R.** (see Ambrose, D.) – 4309
- ____ (see Ambrose, D.) – 5734
- Monastyrsky, M.** (see Joets, A.) – 1547
- Mondal, N. K.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Moneti, G. C.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Monkenbusch, M.** (see Arbe, A.) – 590
- Monroe, C.** (see King, B. E.) – 1525
- ____ (see Turchette, Q. A.) – 3631
- Monroy, Francisco; and Dominique Langevin** – Direct Experimental Observation of the Crossover from Capillary to Elastic Surface Waves on Soft Gels – 3167
- Montambaux, G.** (see Braun, D.) – 1062
- Monteiro, T. S.** (see Saraga, D. S.) – 5796

- Montgomery, D.S.** (see Fernández, Juan C.) – 2252
- Montgomery, H.E.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Moody, J.D.** (see Wharton, K.B.) – 822
 ____ (see Wharton, K.B.) – 2248
- Mooney, P.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Moons, R.** (see Demuyndck, S.) – 2562
- Moore, E.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Moore, Guy D.** (see Cline, James M.) – 3315
- Moore, J.B.** (see Murphy, T.J.) – 108
- Moore, M.A.; Hemant Bokil, and Barbara Drossel** – Evidence for the Droplet Picture of Spin Glasses – 4252
- Moore, T.B.** (see Abe, K.) – 942
- Mora, P.** (see Amiranoff, F.) – 995
 ____ (see Fuchs, J.) – 4275(C)
- Morais, J.** (see Tober, E.D.) – 2360
- Morales, A.** (see Avignone, F.T., III) – 5068
- Morales, G.J.** (see Burke, A.T.) – 3659
- Morales, J.** (see Avignone, F.T., III) – 5068
- Morandotti, R.** (see Eisenberg, H.S.) – 3383
- Morán-López, J.L.** (see Díaz-Ortiz, A.) – 1146
- More, Richard; and Takako Kato** – Near-LTE Linear Response Calculations with a Collisional-Radiative Model for He-like Al Ions – 814
- Moreno, C.H.** (see Benware, B.R.) – 5804
- Moreno, G.** (see Reyes, M.A.) – 4079
- Moreo, A.** (see Yunoki, S.) – 5612
- Moret, R.** (see Launois, P.) – 4420
- Moretti, P.** (see Rejmánková-Pernot, P.) – 3435
- Moretto, L.G.** (see Beaulieu, L.) – 770
 ____ (see Phair, L.) – 4021(C)
- Morgan, G.L.** (see Abfalterer, W.P.) – 57
 ____ (see Buttler, W.T.) – 3283
- Morgenstern, M.** (see Wittneven, Chr.) – 5616
- Morgenstern, R.** (see Khemliche, H.) – 1219
- Mori, M.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
- Môri, N.** (see Nagata, T.) – 1090
- Mori, S.; C.H. Chen, and S-W. Cheong** – Paired and Unpaired Charge Stripes in the Ferromagnetic Phase of $\text{La}_{0.5}\text{Ca}_{0.5}\text{MnO}_3$ – 3972
 ____ (see Odaka, S.) – 2428
- Mori, W.B.** (see Clayton, C.E.) – 100
 ____ (see Tzeng, K.-C.) – 104
- Mori, Y.** (see Maeno, Y.) – 3765
- Moricciani, D.** (see Ajaka, J.) – 1797
- Morii, M.** (see Abe, K.) – 942
- Morikawa, J.** (see Yoshida, Z.) – 2458
- Morillo, J.** (see Amiranoff, F.) – 995
- Morin, P.** (see Miron, C.) – 4104
- Morinari, Takao** – Quantum Hall Effect at Half-Filled Landau Level: Pairing of Composite Fermions – 3741
- Morita, S.** (see Fujisawa, A.) – 2256
- Morita, Y.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Moritomo, Y.** (see Dessau, D.S.) – 192
- Morlet, M.** (see Ajaka, J.) – 1797
- Morokhov, P.** (see Gornov, M.G.) – 4325
- Moroni, E.G.; R. Podlucky, and J. Hafner** – Supersoft Transition Metal Silicides – 1969
- Morozov, A.** (see Korobkin, D.) – 1607
- Morr, Dirk K.; and David Pines** – The Resonance Peak in Cuprate Superconductors – 1086
 ____ (see Chubukov, Andrey V.) – 4716
- Morré, E.** (see Grigera, S.A.) – 2348
- Morris, P.R.** (see Watts, J.P.) – 4220
- Morrison, D.** (see Aggarwal, M.M.) – 4087
- Morrison, R.J.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Morrissey, D.J.** (see Bush, J.E.) – 61
- Mørup, S.** (see Hanson, M.) – 735(C)
- Moses, Elisha** (see Belmonte, Andrew) – 345
 ____ (see Zik, Ory) – 3868
- Moses, Perez** (see McKenzie, Ross H.) – 4492
- Moshhammer, R.** (see Dörner, R.) – 5776
 ____ (see Schmitt, W.) – 4337
- Moshchalkov, V.V.** (see Aliev, F.G.) – 5884
 ____ (see Wagner, P.) – 3980
- Mosk, A.P.; M.W. Reynolds, and T.W. Hijmans** – Comment on “A New Type of Evaporative Cooling for Neutral Atoms” – 3046(C)
 ____ **M.W. Reynolds, T.W. Hijmans, and J.T.M. Walraven** – Optical Excitation of Atomic Hydrogen Bound to the Surface of Liquid Helium – 4440
- Moskowitz, B.** (see Ahle, L.) – 2650
- Moss, S.C.** (see Trenkler, J.) – 2276
- Moss, Stephen C.** (see Fried, Dale G.) – 3811
 ____ (see Killian, Thomas C.) – 3807
- Mosseri, Rémy** (see Vidal, Julien) – 5888
- Most, A.** (see Ackerstaff, K.) – 5519
- Mota, A.C.** (see Nideröst, M.) – 3231
- Motoki, M.** (see Matsunaga, H.) – 4052
- Motoyama, N.** (see Nagata, T.) – 1090
 ____ (see Neudert, R.) – 657
- Motoyama, Naoki** (see Eccleston, Roger S.) – 1702
- Moukarzel, Cristian F.** – Isostatic Phase Transition and Instability in Stiff Granular Materials – 1634
- Moulson, M.** (see Ahle, L.) – 2650
- Mountain, R.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Moussa, F.** (see Hennion, M.) – 1957
- Mousseau, Normand** (see Barkema, G.T.) – 1865
- Movshovich, R.** (see de Andrade, M.C.) – 5620
- Mowrey, R.C.** (see Bertino, M.F.) – 5608
 ____ (see Kroes, G.J.) – 4781(E)
- Mozer, F.S.** (see Ergun, R.E.) – 826
- Mozzetti, R.** (see Ackerstaff, K.) – 5519
- Msezane, A.Z.** (see Felfli, Z.) – 963
- Mtingwa, S.** (see Niculescu, G.) – 1805
- Muccifora, V.** (see Ackerstaff, K.) – 5519
- Mucciolo, Eduardo R.** (see Vallejos, Raúl O.) – 677
- Mudry, C.** (see Brouwer, P.W.) – 862

AUTHOR INDEX

- Mueller, A.C.** (see Grzywacz, R.) – 766
Mueller, W.F. (see Franchoo, S.) – 3100
Muentz, C. (see Ahle, L.) – 2650
Muga, J.G. (see Brouard, S.) – 2621
Mugli, P. (see Clayton, C.E.) – 100
Mughabghab, S.F.; and C. Dunford – Nuclear Level Density and the Effective Nucleon Mass – 4083
Mukhamedzhanov, A.M. (see Alt, E.O.) – 4820
Mukherjee, A. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Mukhopadhyay, D.S. (see Aggarwal, M.M.) – 4087
Mukhopadhyay, Nimai C. (see Carlson, Carl E.) – 2646
Mukhopadhyay, Subir (see Bhattacharyya, Sandip) – 754
Mukovskii, Y. (see Ghosh, K.) – 4740
Muller, D. (see Abe, K.) – 942
Muller, F. (see Guenoun, P.) – 3872
Muller, H.G.; and F.C. Kooiman – Bunching and Focusing of Tunneling Wave Packets in Enhancement of High-Order Above-Threshold Ionization – 1207
Müller, H.O. (see Alphenaar, B.W.) – 5628
Müller, S.C. (see Zykov, V.S.) – 2811
Muller, T. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Müller-Kirsten, H. J. W. (see Liang, J.-Q.) – 216
Mullins, C.B. (see Nolan, P.D.) – 3179
Münch, A. (see Bertozzi, A.L.) – 5169
Muñoz, M.C. (see Chico, L.) – 1278
Muñoz, Miguel A. (see Vespignani, Alessandro) – 5676
Munro, W.J.; and G.J. Milburn – Characterizing Greenberger-Horne-Zeilinger Correlations in Nondegenerate Parametric Oscillation via Phase Measurements – 4285
Müntz, C. (see Shin, Y.) – 1576
Murakami, K. (see Takeda, M.) – 1163
Murakami, Y.; J.P. Hill, D. Gibbs, M. Blume, I. Koyama, M. Tanaka, H. Kawata, T. Arima, Y. Tokura, K. Hirota, and Y. Endoh – Resonant X-Ray Scattering from Orbital Ordering in LaMnO_3 – 582
Murani, Amir (see Caciuffo, Roberto) – 4744
Murase, K. (see Takaoka, S.) – 4700
Murat, P. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Muratov, C.B. – Unusual Coarsening during Phase Separation in Polymer Systems – 3699
Murgia, S. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Murin, L.I. (see Öberg, S.) – 2930
Murokh, A. (see Tremaine, A.) – 5816
Murphy, C. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Murphy, T.J.; J.M. Wallace, N.D. Delamater, Cris W. Barnes, P. Gobby, A.A. Hauer, E. Lindman, G. Magelssen, J.B. Moore, J.A. Oertel, R. Watt, O.L. Landen, P. Amendt, M. Cable, C. Decker, B.A. Hammel, J.A. Koch, L.J. Suter, R.E. Turner, R.J. Wallace, F.J. Marshall, D. Bradley, R.S. Craxton, R. Keck, J.P. Knauer, R. Kremens, and J.D. Schnittman – Hohlraum Symmetry Experiments with Multiple Beam Cones on the Omega Laser Facility – 108
Murray, A.J. (see Shurgalin, M.) – 4604
Murthy, M.V.N. (see Date, G.) – 3051
Muryshev, A.E. (see Kagan, Yu.) – 933
Murzin, V. (see Abe, K.) – 942
Muschiatti, L. (see Ergun, R.E.) – 826
Müssel, Uwe; and Heiko Rieger – Comment on “Aging Effects in a Lennard-Jones Glass” – 930(C)
Musy, M. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
Müther, H. (see Onderwater, C.J.G.) – 2213
Mutou, Tetsuya; Naokazu Shibata, and Kazuo Ueda – Temperature-Induced Gap Formation in Dynamic Correlation Functions of the One-Dimensional Kondo Insulator: Finite-Temperature Density-Matrix Renormalization-Group Study – 4939
Muzzio, F.J. (see Alvarez, M.M.) – 3395
Muzzio, Fernando J. (see Shinbrot, Troy) – 4365
Myalkovski, V. (see Aggarwal, M.M.) – 4087
Myasoedov, Y. (see Fuchs, D.T.) – 3944
Myatt, C.J. (see King, B.E.) – 1525
 ____ (see Turchette, Q.A.) – 3631
Mydlarski, Laurent; Alain Pumir, Boris I. Shraiman, Eric D. Siggia, and Zellman Warhaft – Structures and Multipoint Correlators for Turbulent Advection: Predictions and Experiments – 4373
Mysyrowicz, A. (see Lange, H.R.) – 1611

Naberhuis, Brian (see Bajaj, Kapil M.S.) – 806
Nadkarni, D.M. (see Majumdar, N.) – 4778(C)
Naef, H. (see Aggarwal, M.M.) – 4087
Nagaitsev, A. (see Ackerstaff, K.) – 5519
Nagamine, T. (see Abe, K.) – 942
Nagamiya, S. (see Ahle, L.) – 2650
Nagano, H. (see Nessler, W.) – 4480
Nagano, M. (see Takeda, M.) – 1163
Nagaosa, N. (see Ponomarenko, V.V.) – 2304
Nagashima, Y. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Odaka, S.) – 2428

- (see Shiozawa, M.) – 3319
- Nagata, T.; M. Uehara, J. Goto, J. Akimitsu, N. Motoyama, H. Eisaki, S. Uchida, H. Takahashi, T. Nakanishi, and N. Môri** – Pressure-Induced Dimensional Crossover and Superconductivity in the Hole-Doped Two-Leg Ladder Compound $\text{Sr}_{14-x}\text{Ca}_x\text{Cu}_{24}\text{O}_{41}$ – 1090
- (see Wehlitz, R.) – 1813
- Nagesha, K.; and L. Sanche** – Effects of Band Structure on Electron Attachment to Adsorbed Molecules: Cross Section Enhancements via Coupling to Image States – 5892
- Nagl, C.; R. Schuster, S. Renisch, and G. Ertl** – Regular Mixing in a Two-Dimensional Lattice System: The Coadsorption of N and O on Ru(0001) – 3483
- Nagle, John F.** (see Gouliaev, Nikolai) – 2610
- Nagorny, S.I.** (see Spaltro, C.M.) – 2870
- Naito, M.** (see Stoll, O.M.) – 2994
- Naitza, C.** (see Marinari, E.) – 1698
- Najmudin, Z.** (see Amiranoff, F.) – 995
- (see Clayton, C.E.) – 100
- Nakada, H.** (see Abe, F.) – 1367
- (see Abe, F.) – 1791
- (see Abe, F.) – 2432
- (see Abe, F.) – 4806
- (see Abe, F.) – 5278
- (see Abe, F.) – 5513
- (see Abe, F.) – 5742
- (see Abe, F.) – 5748
- (see Abe, F.) – 5754
- Nakagawa, Y.** (see Odaka, S.) – 2428
- Nakahata, M.** (see Fukuda, Y.) – 1158
- (see Fukuda, Y.) – 1562
- (see Fukuda, Y.) – 4279(E)
- (see Hatakeyama, S.) – 2016
- (see Shiozawa, M.) – 3319
- Nakajima, Kaoru** (see Kimura, Kenji) – 5438
- Nakajima, N.; T. Koide, T. Shidara, H. Miyauchi, H. Fukutani, A. Fujimori, K. Iio, T. Katayama, M. Nývlt, and Y. Suzuki** – Perpendicular Magnetic Anisotropy Caused by Interfacial Hybridization via Enhanced Orbital Moment in Co/Pt Multilayers: Magnetic Circular X-Ray Dichroism Study – 5229
- Nakamura, Hiroki** (see Teranishi, Yoshiaki) – 2032
- Nakamura, K.** (see Fukuda, Y.) – 1158
- (see Fukuda, Y.) – 1562
- (see Fukuda, Y.) – 4279(E)
- (see Hatakeyama, S.) – 2016
- (see Shiozawa, M.) – 3319
- (see Takaoka, S.) – 4700
- Nakamura, T.** (see Odaka, S.) – 2428
- Nakanishi, T.** (see Nagata, T.) – 1090
- Nakano, I.** (see Abe, F.) – 1367
- (see Abe, F.) – 1791
- (see Abe, F.) – 2432
- (see Abe, F.) – 4806
- (see Abe, F.) – 5278
- (see Abe, F.) – 5513
- (see Abe, F.) – 5742
- (see Abe, F.) – 5748
- (see Abe, F.) – 5754
- (see Odaka, S.) – 2428
- Nakao, Hiroya** (see Kuramoto, Yoshiki) – 3543
- Nakashima, T.** (see Prinz, A.A.) – 1175
- Nakatsuji, S.** (see Maeno, Y.) – 3765
- Nakaya, T.** (see Abe, F.) – 1791
- (see Abe, F.) – 5278
- (see Abe, F.) – 5513
- (see Abe, F.) – 5742
- (see Abe, F.) – 5748
- Nakayama, S.** (see Fukuda, Y.) – 1158
- (see Fukuda, Y.) – 1562
- (see Fukuda, Y.) – 4279(E)
- (see Shiozawa, M.) – 3319
- Nakayama, Y.** (see Nessler, W.) – 4480
- Namoodiri, M.N.** (see Ahle, L.) – 2650
- Nanal, V.** (see Rehm, K.E.) – 3341
- Nandi, B.K.** (see Aggarwal, M.M.) – 4087
- Nang, F.** (see Abbott, B.) – 38
- (see Abbott, B.) – 524
- Nanase, H.** (see Tomimoto, S.) – 417
- Napier, A.** (see Aitala, E.M.) – 44
- (see Alves, G.A.) – 1537(E)
- Naples, D.** (see Kim, J.H.) – 3595
- Napolitano, J.** (see Adams, G.S.) – 5760
- (see Bochna, C.) – 4576
- Narain, M.** (see Abbott, B.) – 38
- (see Abbott, B.) – 524
- Narasimham, V.S.** (see Abbott, B.) – 38
- (see Abbott, B.) – 524
- Narayan, Onuttom** – Comment on “Current-Loop Model for the Intermediate State of Type-I Superconductors” – 5035(C)
- Narayana, Chandrabhas** (see Ruoff, Arthur L.) – 2723
- Narayanan, A.** (see Abbott, B.) – 38
- (see Abbott, B.) – 524
- Narayanan, Janaky; W. Urbach, D. Langevin, C. Manohar, and R. Zana** – Self-Diffusion in Wormlike Micelles Networks with Electrostatic Interactions: A Universal Behavior? – 228
- Nardelli, Marco Buongiorno; B.I. Yakobson, and J. Bernholc** – Brittle and Ductile Behavior in Carbon Nanotubes – 4656
- Narevicius, Edvardas; and Nimrod Moiseyev** – Fingerprints of Broad Overlapping Resonances in the $e + \text{H}_2$ Cross Section – 2221
- Narita, Makoto** (see Maeda, Kengo) – 5270
- Narita, S.** (see Abe, K.) – 942
- Narsky, I.** (see Alam, M.S.) – 3328
- (see Anderson, S.) – 3823
- (see Bergfeld, T.) – 272
- (see Browder, T.E.) – 1786
- Naryshkin, Y.** (see Ackerstaff, K.) – 5519
- Nascimento, I.C.** (see Tsypin, V.S.) – 3403
- Nash, T.J.** (see Deeney, C.) – 4883
- Nastar, M.** (see Yeşilten, D.) – 2998
- Natalense, Alexandra P.P.; Luiz G. Ferreira, and Marco A.P. Lima** – 25-State Calculation for e^- -Na₂ Scattering – 3832
- Natali, F.** (see Lanzara, A.) – 878
- Nathan, A.M.** (see Ackerstaff, K.) – 5519
- (see Bochna, C.) – 4576
- Nattermann, Thomas** (see Emig, Thorsten) – 1469
- (see Emig, Thorsten) – 5954(C)
- Nauenberg, U.** (see Abe, K.) – 942
- Naulin, V.; J. Nycander, and J. Juul Rasmussen** – Equipartition and Transport in Two-Dimensional Electrostatic Turbulence – 4148
- Navailles, L.; B. Pansu, L. Gorre-Talini, and H.T. Nguyen** – Structural Study of a Commensurate TGB_A Phase and of a Presumed Chiral Line Liquid Phase – 4168
- Navin, A.; D. Bazin, B.A. Brown, B. Davids, G. Gervais, T. Glasmacher, K. Govaert, P.G. Hansen, M. Hellström, R.W. Ibbotson, V. Maddalena, B. Pritychenko, H. Scheit, B.M. Sherrill, M. Steiner, J.A. Tostevin, and J. Yurkon** – Spectroscopy of Radioactive Beams from Single-Nucleon Knockout Reactions: Application to the sd Shell Nuclei ^{25}Al and $^{26,27,28}\text{P}$ – 5089
- Navon, I.** (see Mardor, I.) – 5085
- Nayak, Chetan** (see Senthil, T.) – 4704

AUTHOR INDEX

- Nayak, S.K.; and P. Jena** – Giant Magnetic Moments and Magnetic Bistability of Stoichiometric MnO Clusters – 2970
 ____ (see Aggarwal, M.M.) – 4087
- Nayak, T.K.** (see Aggarwal, M.M.) – 4087
- Nazarewicz, W.** (see Satuła, W.) – 3599
- Nazarkin, A.** (see Korn, G.) – 1215
- Nazarov, Yuli V.; and D.V. Averin** – Current Drag in Capacitively Coupled Luttinger Constrictions – 653
- Neal, H.** (see Abe, K.) – 942
- Neal, H.A.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Nedorezov, V.** (see Ajaka, J.) – 1797
- Neely, D.** (see Clayton, C.E.) – 100
 ____ (see Hall, T.A.) – 1003
- Negret, J.P.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Neise, L.** (see Bass, S.A.) – 4092
- Nellist, P.D.; and S.J. Pennycook** – Subangstrom Resolution by Underfocused Incoherent Transmission Electron Microscopy – 4156
- Nelmes, R.J.; J.S. Loveday, W.G. Marshall, G. Hamel, J.M. Besson, and S. Klotz** – Multisite Disordered Structure of Ice VII to 20 GPa – 2719
- Nelson, C.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Nelson, H.N.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Nelson, T.K.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Nelson, W.R.** (see Prinz, A.A.) – 1175
- Nemati, B.** (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Nemethy, P.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Nemoto, M.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Nersesyan, Alexander A.; Alexander O. Gogolin, and Fabian H.L. Eßler** – Incommensurate Spin Correlations in Spin-1/2 Frustrated Two-Leg Heisenberg Ladders – 910
- Nessler, W.; S. Ogawa, H. Nagano, H. Petek, J. Shimoyama, Y. Nakayama, and K. Kishio** – Femtosecond Time-Resolved Study of the Energy and Temperature Dependence of Hot-Electron Lifetimes in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ – 4480
- Neuberger, D.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Neuberger, Herbert** – A Practical Implementation of the Overlap Dirac Operator – 4060
- Neubert, Matthias; and Jonathan L. Rosner** – Determination of the Weak Phase γ from Rate Measurements in $B^\pm \rightarrow \pi K, \pi\pi$ Decays – 5076
- Neudert, R.; M. Knupfer, M.S. Golden, J. Fink, W. Stephan, K. Penc, N. Motoyama, H. Eisaki, and S. Uchida** – Manifestation of Spin-Charge Separation in the Dynamic Dielectric Response of One-Dimensional Sr_2CuO_3 – 657
- Neukirch, U.** (see Bartels, G.) – 5880
- Neumaier, S.** (see Aggarwal, M.M.) – 4087
- Neunreither, F.** (see Ackerstaff, K.) – 5519
- Neuttiens, G.** (see Strunk, C.) – 2982
- Newell, David B.** (see Williams, Edwin R.) – 2404
- Newman, T.J.; and M.R. Swift** – Newman and Swift Reply – 5472(C)
- Newman-Holmes, C.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Newton, J.O.** (see Hinde, D.J.) – 4777(C)
- Ney, A.** (see Bovensiepen, U.) – 2368
- Ng, A.; A. Forsman, and G. Chiu** – Electron Thermal Conduction Waves in a Two-Temperature, Dense Plasma – 2914
- Ng, C.R.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Ng, Y.H.** (see Gritsenko, V.A.) – 1054
- Ngan, C.-Y.P.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Nguyen, A.** (see Aitala, E.M.) – 44
- Nguyen, D.** (see Colby, R.H.) – 3876
- Nguyen, D.C.; R.L. Sheffield, C.M. Fortgang, J.C. Goldstein, J.M. Kinross-Wright, and N.A. Ebrahim** – Self-Amplified Spontaneous Emission Driven by a High-Brightness Electron Beam – 810
 ____ (see Hogan, M.J.) – 4867
 ____ (see Tremaine, A.) – 5816
- Nguyen, H.T.** (see Mach, P.) – 1015
 ____ (see Navailles, L.) – 4168
- Nianine, A.** (see Aggarwal, M.M.) – 4087
- Nibbering, E.T.J.** (see Chudoba, C.) – 3010
- Nicholas, John B.** (see Wang, Lai-Sheng) – 2667
- Nicholls, J.T.** (see Appleyard, N.J.) – 3491
- Nicholson, H.** (see Mardor, I.) – 5085
- Nick, G.** (see Pecha, R.) – 717
- Nickolaus, H.; H.-J. Wünsche, and F. Henneberger** – Exciton Spin Relaxation in Semiconductor Quantum Wells: The Role of Disorder – 2586
- Nicolay, G.** (see Strocov, V.N.) – 4943
- Nicoletti, L.** (see Ajaka, J.) – 1797
- Nicolussi, G.K.; M.J. Pellin, R.S. Lewis, A.M. Davis, R.N. Clayton, and S. Amari** – Strontium Isotopic Composition in Individual Circumstellar Silicon Carbide Grains: A Record of s-Process Nucleosynthesis – 3583

- Niculescu, G. *et al.*** – Longitudinal and Transverse Cross Sections in the $^1\text{H}(e, e'K^+)\Lambda$ Reaction – 1805
 ____ (see Bochna, C.) – 4576
- Niculescu, I.** (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
- Niczyporuk, M.** (see Ackerstaff, K.) – 5519
- Nideröst, M.; R. Frassanito, M. Saalfrank, A.C. Mota, G. Blatter, V.N. Zavaritsky, T.W. Li, and P.H. Kes** – Lower Critical Field H_{c1} and Barriers for Vortex Entry in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ Crystals – 3231
- Nie, J.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Niemeyer, J.** (see Bastian, G.) – 1686
- Nienhuis, B.** (see Martins, M.J.) – 504
- Nienhuys, Han-Kwang** (see Woutersen, Sander) – 1106
- Niesen, L.** (see Roşu, M.F.) – 4680
- Nieto, Michael Martin** (see Anderson, John D.) – 2858
- Nieto-Vesperinas, M.** (see García-Martín, A.) – 329
- Nieuwenhuizen, G.J.v.** (see Aggarwal, M.M.) – 4087
- Nieuwenhuizen, Th.M.** – Thermodynamics of Black Holes: An Analogy with Glasses – 2201
- Nieuwenhuys, G.J.** (see Heffner, R.H.) – 1706
- Nieva, G.** (see Grigera, S.A.) – 2348
- Nihey, F.** (see Takaoka, S.) – 4700
- Nikitine, V.** (see Aggarwal, M.M.) – 4087
- Nikolaev, S.** (see Aggarwal, M.M.) – 4087
- Nilsson, A.** (see Föhlich, A.) – 1730
- Nilsson, L.** (see Ericson, T.E.O.) – 5254(C)
- Nilsson, P.** (see Aggarwal, M.M.) – 4087
- Nilsson, P.O.** (see Strocov, V.N.) – 4943
- Nisato, Giovanni** (see Ermi, Brett D.) – 3900
- Nishida, N.** (see Idehara, T.) – 1973
- Nishiguchi, Tetsuya; Masami Kageshima, Norihiko Ara-Kato, and Akira Kawazu** – Behavior of Charge Density Waves in a One-Dimensional Organic Conductor Visualized by Scanning Tunneling Microscopy – 3187
- Nishiizumi, K.** (see Isaac, M.C. Perillo) – 2416
- Nishijima, K.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
- Nishikawa, D.** (see Takeda, M.) – 1163
- Nishikawa, Hiroyuki** (see Enoki, Toshiaki) – 3719
- Nishikawa, K.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
- Nishimura, J.** (see Matsunaga, H.) – 4052
- Nishimura, S.** (see Aggarwal, M.M.) – 4087
 ____ (see Fujisawa, A.) – 2256
- NishiZaki, S.** (see Maeno, Y.) – 3765
- Nisoli, M.** (see Graupner, W.) – 3259
- Niu, Q.** (see Wexler, C.) – 4277(C)
- Niu, Qian** (see Madison, K.W.) – 5093
- Noda, T.** (see Nordstrom, K.B.) – 457
- Nodland, Borge** (see Ralston, John P.) – 26
- Nodulman, L.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Noh, H.** (see Feng, X.G.) – 3219
- Noh, Hyerim** (see Hwang, Jai-chan) – 5274
- Noh, T.W.** (see Kim, K.H.) – 1517
 ____ (see Kim, K.H.) – 4983
- Nolan, P.D.; B.R. Lutz, P.L. Tanaka, J.E. Davis, and C.B. Mullins** – Translational Energy Selection of Molecular Precursors to Oxygen Adsorption on Pt(111) – 3179
- Nolden, F.** (see Seelig, P.) – 4824
- Nolen, J.** (see Rehm, K.E.) – 3341
- Nomerotski, A.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Nomokonov, P.** (see Aggarwal, M.M.) – 4087
- Nomura, Miki; and Xiao-Qian Wang** – Hexagonally Reconstructed Islands and Anisotropic Diffusion for Au/Au(100) – 2739
- Nonas, B.** (see Mavropoulos, Ph.) – 1505
- Nonn, T.** (see Dürr, S.) – 5705
- Noonan, W.A.** (see Skiff, F.) – 5820
- Nooren, G.J.** (see Spaltro, C.M.) – 2870
- Nordberg, E.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Nordblad, P.** (see Jonason, K.) – 3243
- Nordenskiöld, Lars** (see Lyubartsev, Alexander P.) – 5465
- Nordholt, J.E.** (see Buttler, W.T.) – 3283
- Nordlander, P.** (see Houssiau, L.) – 5153
- Nordstrom, K.B.; K. Johnsen, S.J. Allen, A.-P. Jauho, B. Birnir, J. Kono, T. Noda, H. Akiyama, and H. Sakaki** – Excitonic Dynamical Franz-Keldysh Effect – 457
- Nordström, Lars** (see Fast, Lars) – 2978
- Nori, Franco** (see Olson, C.J.) – 3757
- Norman, D.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Norman, E.B.** (see Isaac, M.C. Perillo) – 2416
- Norreys, P.** (see Hall, T.A.) – 1003
- Norreys, P.A.** (see Tatarakis, M.) – 999
- Norris, D.J.** (see Dickson, Robert M.) – 5322
- Nørskov, J.K.** (see Mavrikakis, M.) – 2819
- Noumi, H.** (see Bhang, H.) – 4321
- Novikov, S.V.; D.H. Dunlap, V.M. Kenkre, P.E. Parris, and A.V. Vannikov** – Essential Role of Correlations in Governing Charge Transport in Disordered Organic Materials – 4472
- Novoselsky, A.; M. Vallières, and O. La'adan** – Novoselsky, Vallières, and La'adan Reply – 5949(C)
 ____ **M. Vallières, and O. La'adan** – Erratum: Full f - p Shell Calculation of ^{51}Ca and ^{51}Sc [Phys. Rev. Lett. **79**, 4341 (1997)] – 5955(E)
- Novotny, M.A.** (see Sides, S.W.) – 834
- Nowack, A.** (see Wasser, S.) – 898
- Nowak, A.** (see Grzywacz, R.) – 766
- Nowak, Maciej A.** (see Janik, Romuald A.) – 264
- Nowak, S.; N. Stuhler, T. Pfau, and J. Mlynek** – Charged Wire Interferometer for Atoms – 5792
- Nowak, W.-D.** (see Ackerstaff, K.) – 5519
- Noya, José C.** (see Ramírez, Rafael) – 3303
- Nozaki, M.** (see Matsunaga, H.) – 4052
- Nozar, M.** (see Adams, G.S.) – 5760

AUTHOR INDEX

- Nozières, J.P.** (see Dempsey, N.M.) – 5652
- Nunes Amaral, Luís A.** (see Lee, Youngki) – 3275
- Nunokawa, H.** (see Grasso, D.) – 2412
- Nupieri, M.** (see Ackerstaff, K.) – 5519
- Nussbaum, M.** (see Abe, K.) – 942
- Nussinov, S.** (see Avignone, F.T., III) – 5068
- Nycander, J.** (see Naulin, V.) – 4148
- Nyéki, J.; R. Ray, B. Cowan, and J. Saunders** – Superfluidity of Atomically Layered ^4He Films – 152
- Nyíri, B.** (see Donkó, Z.) – 1622
- Nystrand, J.** (see Aggarwal, M.M.) – 4087
- Nývlt, M.** (see Nakajima, N.) – 5229
- Obara, Ken** (see Ikegami, Hiroki) – 2478
- Obenshain, F.E.** (see Aggarwal, M.M.) – 4087
- Öberg, S.; C.P. Ewels, R. Jones, T. Hallberg, J.L. Lindström, L.I. Murin, and P.R. Briddon** – First Stage of Oxygen Aggregation in Silicon: The Oxygen Dimer – 2930
- Oberli, D.; R. Burgermeister, S. Riesen, W. Weber, and H.C. Siegmann** – Total Scattering Cross Section and Spin Motion of Low Energy Electrons Passing through a Ferromagnet – 4228
- Oberthaler, M.K.** (see Featonby, P.D.) – 495
- Obst, Bernhard** (see Pasler, Volker) – 1094
- Oda, Y.** (see Sumiyama, A.) – 5213
- Odaka, S. *et al.* (VENUS Collaboration)** – Measurement of the Running of Effective QED Coupling at Large Momentum Transfer in the Spacelike Region – 2428
- Oderda, Gianluca; and George Sterman** – Energy and Color Flow in Dijet Rapidity Gaps – 3591
- Odian, A.** (see Prinz, A.A.) – 1175
- Oehler, C.** (see Armbruster, B.) – 520
- Oertel, J.A.** (see Murphy, T.J.) – 108
- Oesch, L.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Oeschler, H.** (see Shin, Y.) – 1576
- Offenberger, A.A.** (see Wharton, K.B.) – 822
- Ogale, S.B.** (see Zhao, Y.G.) – 1310
- Oganessian, Yu.Ts.** (see Ramayya, A.V.) – 947
- Ogawa, H.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Ogawa, I.** (see Idehara, T.) – 1973
- Ogawa, K.** (see Odaka, S.) – 2428
- Ogawa, M.** (see Ishii, T.) – 4100
- Ogawa, S.** (see Nessler, W.) – 4480
- Ogg, M.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Ogilvie, C.A.** (see Ahle, L.) – 2650
- Ogitsu, Tadashi** (see Miyake, Takashi) – 1873
- Ogletree, D.F.** (see Enachescu, M.) – 1877
- Oguri, V.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Oh, B.Y.** (see Apanasevich, L.) – 2642
- Oh, Ki-dong; and P.A. Deymier** – Path-Integral Molecular Dynamics Calculations of Electron Plasma – 3104
- Oh, S.H.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Ohama, T.** (see Odaka, S.) – 2428
- Ohashi, Yoji** (see Ikeda, Hiroaki) – 3723
- Ohdachi, S.** (see Fujisawa, A.) – 2256
- Ohmichi, E.** (see Maeno, Y.) – 3765
- Ohmoto, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Ohno, Kaoru** (see Ohtsuki, Tsutomu) – 967
- Ohno, N.; N. Ezumi, S. Takamura, S.I. Krashennnikov, and A.Yu. Pigarov** – Experimental Evidence of Molecular Activated Recombination in Detached Recombining Plasmas – 818
- Ohno, T.** (see Raffa, F.) – 5912
- Ohnuma, H.** (see Orihara, H.) – 3607
- Ohoka, H.** (see Takeda, M.) – 1163
- Öhrwall, G.; P. Baltzer, and J. Bozek** – Rotational Branching Ratios in N_2^+ : Observation of Photon Energy Dependence by Photoelectron Spectroscopy – 546
- Ohsugi, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- ____ (see Odaka, S.) – 2428
- Ohta, Takao** (see Hayase, Yumino) – 1726
- Ohta, Y.** (see Bhang, H.) – 4321
- Ohtsuki, Tsutomu; Kaoru Ohno, Keiichiro Shiga, Yoshiyuki Kawazoe, Yutaka Maruyama, and Kazuyoshi Masumoto** – Insertion of Xe and Kr Atoms into C_{60} and C_{70} Fullerenes and the Formation of Dimers – 967
- Ohyama, H.** (see Odaka, S.) – 2428
- Oishi, N.** (see Abe, K.) – 942
- Oishi, R.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Okabe, K.** (see Odaka, S.) – 2428
- Okabe, M.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Okada, A.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319

- Okada, S.** (see Kawasuso, A.) – 2695
Okada, Y. (see Kostic, P.) – 2498
Okamoto, A. (see Odaka, S.) – 2428
Okamoto, Masakuni (see Yokoyama, Takashi) – 3423
Okamura, S. (see Fujisawa, A.) – 2256
Okawa, M. (see Aoki, S.) – 1778
Okazawa, H. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
Oketa, M. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Okuda, T.; A. Asamitsu, Y. Tomioka, T. Kimura, Y. Taguchi, and Y. Tokura – Critical Behavior of the Metal-Insulator Transition in $\text{La}_{1-x}\text{Sr}_x\text{MnO}_3$ – 3203
Okumura, K. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
Okusawa, T. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Olafsen, J.S.; and J.S. Urbach – Clustering, Order, and Collapse in a Driven Granular Monolayer – 4369
Olami, Zeev (see Zik, Ory) – 3868
Olchanski, C. (see Adams, G.S.) – 5760
Oliveira, E. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Olkhovets, A.; R.-C. Hsu, A. Lipovskii, and F.W. Wise – Size-Dependent Temperature Variation of the Energy Gap in Lead-Salt Quantum Dots – 3539
Ollivier, J.; J. Etrillard, B. Toudic, C. Ecolivet, P. Bourges, and A.P. Levanyuk – Direct Observation of a Phason Gap in an Incommensurate Molecular Compound – 3667
Olmsted, P.D.; W.C.K. Poon, T.C.B. McLeish, N.J. Terrill, and A.J. Ryan – Spinodal-Assisted Crystallization in Polymer Melts – 373
Olness, J. (see Ahle, L.) – 2650
Olsen, J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Olsen, Niels Boye; Jeppe C. Dyre, and Tage Christensen – Structural Relaxation Monitored by Instantaneous Shear Modulus – 1031
Olsen, Paul T. (see Williams, Edwin R.) – 2404
Olsen, S.L. (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Olshani, M. – Atomic Scattering in the Presence of an External Confinement and a Gas of Impenetrable Bosons – 938
Olson, C.G. (see Gweon, G.-H.) – 886
Olson, C.J.; C. Reichhardt, and Franco Nori – Nonequilibrium Dynamic Phase Diagram for Vortex Lattices – 3757
Olson, Eric (see Chen, Shiyi) – 5338
Olson, R.E. (see Schmitt, W.) – 4337
Olsson, N. (see Ericson, T.E.O.) – 5254(C)
Olsson, R.J. (see Willemin, M.) – 4236
Olsson, U. (see Angelico, R.) – 2823
Oltman, E. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Olum, Ken D. – Superluminal Travel Requires Negative Energies – 3567
Omata, K. (see Bhang, H.) – 4321
Onderwater, C.J.G.; K. Allaart, E.C. Aschenauer, Th.S. Bauer, D.J. Boersma, E. Cislani, W.H. Dickhoff, S. Frullani, F. Garibaldi, W.J.W. Geurts, C. Giusti, D.L. Groep, W.H.A. Hesselink, M. Iodice, E. Jans, N. Kalantar-Nayestanaki, W.-J. Kasdorp, C. Kormanyos, L. Lapikás, J.J. van Leeuwe, R. De Leo, A. Misiejuk, H. Muther, F.D. Pacati, A.R. Pellegrino, R. Perrino, R. Starink, M. Steenbakkers, G. van der Steenhoven, J.J.M. Steijger, M.A. van Uden, G.M. Urciuoli, L.B. Weinstein, and H.W. Willering – Signatures for Short-Range Correlations in ^{16}O Observed in the Reaction $^{16}\text{O}(e, e' pp)^{14}\text{C}$ – 2213
 ____ (see Spaltro, C.M.) – 2870
O'Neill, J.J. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
O'Neill, T.G. (see Ackerstaff, K.) – 5519
 ____ (see Bochna, C.) – 4576
Onellion, M. (see Zwick, F.) – 1058
 ____ (see Zwick, F.) – 2974
Onida, Giovanni (see Pulci, Olivia) – 5374
Ono, A. (see Odaka, S.) – 2428
Onoprienko, D. (see Abe, K.) – 942
Onorato, M. (see Osborne, A.R.) – 3559
Onuki, Akira (see Yamamoto, Ryoichi) – 4915
Onuki, Y. (see Sumiyama, A.) – 5213
Ooi, S. (see Fuchs, D.T.) – 3944
Oparin, A. (see Sokolowski-Tinten, K.) – 224
Oppo, Sabrina; and Vincenzo Fiorentini – No In-Plane Reconstruction of Cu(001) – 4278(C)
Ordejón, P. (see Garzón, I.L.) – 1600
Orenstein, J. (see Mallozzi, R.) – 1485
Orihara, H.; C.C. Yun, A. Terakawa, K. Itoh, A. Yamamoto, K. Kawami, H. Suzuki, Y. Mizuno, H. Kamurai, Y. Tajima, K. Ishii, Y. Fujii, H. Sagawa, T. Suzuki, and H. Ohnuma – Isospin Mixing in the Isobaric Analog State Derived from the $(p, n_{IAS}\bar{p})$ Reaction on ^{140}Ce , $^{172,174,176}\text{Yb}$, and ^{208}Pb – 3607
Orito, S. (see Matsunaga, H.) – 4052
Orlovich, V.A. (see Grabtchikov, A.S.) – 5808
Orłowski, N. (see Gawlik, K.-U.) – 1536(C)
Ormes, J. (see Matsunaga, H.) – 4052
Oron, D. (see Smalyuk, V.A.) – 5342
O'Rourke, F.S.C. (see Schmitt, W.) – 4337
Orrit, M. (see Brunel, Ch.) – 2679
Ortega, Guillermo J.; and Enrique Louis – Smoothness Implies Determinism in Time Series: A Measure Based Approach – 4345
Ortín, Jordi (see Carrillo, Lluís) – 1889
Ortiz de Solórzano, A. (see Avignone, F.T., III) – 5068
Ortiz de Zárate, J.M. (see Li, W.B.) – 5580
Osakabe, M. (see Fujisawa, A.) – 2256
Osborn, J.C.; and J.J.M. Verbaarschot – Thouless Energy and Correlations of QCD Dirac Eigenvalues – 268
Osborn, R.; S. Rosenkranz, D.N. Argyriou, L. Vasiliu-Doloc, J.W. Lynn, S.K. Sinha, J.F. Mitchell, K.E. Gray, and S.D. Bader – Neutron Scattering Investigation of Magnetic Bilayer

AUTHOR INDEX

- Correlations in $\text{La}_{1.2}\text{Sr}_{1.8}\text{Mn}_2\text{O}_7$: Evidence of Canting above T_C – 3964
- Osborne, A. R.; M. Onorato, M. Serio, and L. Bergamasco** – Soliton Creation and Destruction, Resonant Interactions, and Inelastic Collisions in Shallow Water Waves – 3559
- Osborne, G.** (see Apanasevich, L.) – 2642
- Osborne, L. S.** (see Abe, K.) – 942
- O’Shaughnessy, K.** (see Aitala, E. M.) – 44
- Oshima, N.** (see Abbott, B.) – 38
- _____ (see Abbott, B.) – 524
- Oshiyama, Atsushi** (see Jeong, Sukmin) – 5366
- Osipov, T.** (see Dörner, R.) – 5776
- Oskarsson, A.** (see Aggarwal, M. M.) – 4087
- Oskay, W. H.** (see Klappauf, B. G.) – 1203
- _____ (see Klappauf, B. G.) – 4044
- Osquigil, E.** (see Grigera, S. A.) – 2348
- Osterwalder, J.** (see Greber, T.) – 1654
- Ostrovidov, A. I.** (see Adams, G. S.) – 5760
- Ostrovsky, V. N.** (see Prudov, N. V.) – 285
- Ota, M.** (see Fukuda, Y.) – 1158
- _____ (see Fukuda, Y.) – 4279(E)
- _____ (see Shiozawa, M.) – 3319
- Otani, S.** (see Kawanowa, H.) – 2264
- Oto, K.** (see Takaoka, S.) – 4700
- Otsuka, Takaharu; Michio Honma, and Takahiro Mizusaki** – Structure of the $N = Z = 28$ Closed Shell Studied by Monte Carlo Shell Model Calculation – 1588
- _____ (see Utsuno, Yutaka) – 5948(C)
- Ott, Edward** (see Schroer, Christian G.) – 1397
- Ott, H. R.** (see Dolinšek, J.) – 3671
- _____ (see Gavilano, J. L.) – 5648
- Ottaviani, C.** (see De Padova, P.) – 2320
- Otten, E. W.** (see Klein, F.) – 2831(C)
- Otterlund, I.** (see Aggarwal, M. M.) – 4087
- Oughton, Sean** (see Matthaeus, W. H.) – 2056
- Outa, H.** (see Bhang, H.) – 4321
- Ouyang, J.** (see Ackerstaff, K.) – 5519
- Ovadyahu, Z.** (see Vaknin, A.) – 669
- Ovchinnikov, A. A.** (see Carmelo, J. M. P.) – 489(C)
- Overhauser, A. W.** – Comment on “Is There an Electronic Topological Transition in Zinc under High Pressure?” – 4022(C)
- Owen, B. R.** (see Ackerstaff, K.) – 5519
- _____ (see Bochna, C.) – 4576
- Owen, D.** (see Abbott, B.) – 38
- _____ (see Abbott, B.) – 524
- Oxtoby, David W.** (see Rein ten Wolde, Pieter) – 3695
- Oyama, Y.** (see Fukuda, Y.) – 1158
- _____ (see Fukuda, Y.) – 1562
- _____ (see Fukuda, Y.) – 4279(E)
- _____ (see Hatakeyama, S.) – 2016
- _____ (see Shiozawa, M.) – 3319
- Oyang, J.** (see Bai, J. Z.) – 3091
- _____ (see Bai, J. Z.) – 5080
- Ozyuzer, L.** (see DeWilde, Y.) – 492(E)
- Paar, H. P.** (see Alam, M. S.) – 3328
- _____ (see Anderson, S.) – 3823
- _____ (see Bergfeld, T.) – 272
- _____ (see Browder, T. E.) – 1786
- Pacati, F. D.** (see Onderwater, C. J. G.) – 2213
- Pacchioni, Gianfranco; Gianluigi Ieranò, and Antonio M. Márquez** – Optical Absorption and Nonradiative Decay Mechanism of E' Center in Silica – 377
- Pacheco, J. M.; and W.-D. Schöne** – Pacheco and Schöne Reply – 5703(C)
- Pachr, M.** (see Aggarwal, M. M.) – 4087
- Packard, R. E.** (see Simmonds, R. W.) – 1247
- Packard, Richard E.** (see Backhaus, Scott) – 1893
- Paczuski, Maya** (see Bassler, Kevin E.) – 3761
- Padgett, M. J.** (see Courtial, J.) – 4828
- Padley, P.** (see Abbott, B.) – 38
- _____ (see Abbott, B.) – 524
- Padmanabhan, T.** – Quantum Structure of Spacetime and Entropy of Schwarzschild Black Holes – 4297
- Page, R. D.** (see Longour, C.) – 3337
- Paggel, J. J.; T. Miller, and T.-C. Chiang** – Quasiparticle Lifetime in Macroscopically Uniform Ag/Fe(100) Quantum Wells – 5632
- Pagliarone, C.** (see Abe, F.) – 1367
- _____ (see Abe, F.) – 1791
- _____ (see Abe, F.) – 2432
- _____ (see Abe, F.) – 4806
- _____ (see Abe, F.) – 5278
- _____ (see Abe, F.) – 5513
- _____ (see Abe, F.) – 5742
- _____ (see Abe, F.) – 5748
- _____ (see Abe, F.) – 5754
- Pai, Min-Fan** (see Ruoff, Arthur L.) – 2723
- Paiva, G.** (see Duan, Wenhui) – 3267
- Pal, R.** (see Chattopadhyay, P. K.) – 3151
- Palanisami, Akilan** (see Upadhyay, Shashi K.) – 3247
- Palazzo, G.** (see Angelico, R.) – 2823
- Palevski, A.** (see Yahel, E.) – 5201
- Palm, H.; and F. Merkt** – Role of Electron Spin Coupling in Molecular Photoionization: The $b\ ^4\Sigma_g^- \leftarrow X\ ^3\Sigma_g^-$ Photoelectronic Transition of O_2 – 1385
- Palmer, M.** (see Alam, M. S.) – 3328
- _____ (see Anderson, S.) – 3823
- _____ (see Bergfeld, T.) – 272
- _____ (see Browder, T. E.) – 1786
- Palmer, R. E.** (see Carroll, S. J.) – 3715
- Palomares, F. J.** (see Tober, E. D.) – 2360
- Palstra, T. T. M.** (see Damascelli, A.) – 918
- Paluselli, D.** (see Bai, J. Z.) – 3091
- _____ (see Bai, J. Z.) – 5080
- Pan, L. J.** (see Bai, J. Z.) – 3091
- _____ (see Bai, J. Z.) – 5080
- Panaccione, G.** (see Zwick, F.) – 1058
- Panagopoulos, Christos; and Tao Xiang** – Relationship between the Superconducting Energy Gap and the Critical Temperature in High- T_c Superconductors – 2336
- Panajotović, R.** (see Penent, F.) – 3619
- Panarin, Yuri P.; Charles Rosenblatt, and Fouad M. Aliev** – Appearance of Ferrielectric Phases in a Confined Liquid Crystal Investigated by Photon Correlation Spectroscopy – 2699
- Pancella, P. V.** (see Meyer, H. O.) – 3096
- Pandit, Rahul** (see Basu, Abhik) – 2687
- _____ (see Sain, Anirban) – 4377
- Pando, Jesús; David Valls-Gabaud, and Li-Zhi Fang** – Evidence for Scale-Scale Correlations in the Cosmic Microwave Background Radiation – 4568
- Panetta, J.** (see Bai, J. Z.) – 3091
- _____ (see Bai, J. Z.) – 5080
- Paniago, R.** (see Trenkler, J.) – 2276
- Pannetier, B.** (see López-Ríos, T.) – 665
- Pansu, B.** (see Navailles, L.) – 4168
- Pantaleone, J.** – Getting the Most from Atmospheric Neutrinos – 5060
- Pantelides, S. T.** (see Chisholm, M. F.) – 132
- _____ (see Wang, W.) – 4224
- _____ (see Yan, Y.) – 3675
- Panvini, R. S.** (see Abe, K.) – 942
- Panzieri, D.** (see Balestra, F.) – 4572

- Paoletti, R.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Papadimitriou, V.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Papadopoulos, C.G.** (see Antoniou, N.G.) – 4289
- Papavassiliou, V.** (see Ackerstaff, K.) – 5519
- Papp, Gábor** (see Janik, Romuald A.) – 264
- Pappas, D.A.** (see Lipschultz, B.) – 1007
- Pappas, S.P.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Para, A.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Parashar, N.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Pardo, R.C.** (see Rehm, K.E.) – 3341
- Parekh, Nita; S. Parthasarathy, and Somdatta Sinha** – Global and Local Control of Spatiotemporal Chaos in Coupled Map Lattices – 1401
- Parfenov, A.** (see Aggarwal, M.M.) – 4087
- Pargellis, A.N.** (see Amblard, F.) – 1135(C)
 ____ (see Amblard, F.) – 1136(E)
- Parisi, G.** (see Angelani, L.) – 4648
 ____ (see Marinari, E.) – 1698
- Parisi, Giorgio** (see Franz, Silvio) – 1758
- Park, C.H.** (see Abe, K.) – 942
- Park, C.-H.** (see Dessau, D.S.) – 192
- Park, D.** (see Bonadeo, N.H.) – 2759
- Park, D.K.** (see Liang, J.-Q.) – 216
- Park, H.** (see Abe, K.) – 942
 ____ (see Bhang, H.) – 4321
- Park, J.-H.; E. Vescovo, H.-J. Kim, C. Kwon, R. Ramesh, and T. Venkatesan** – Magnetic Properties at Surface Boundary of a Half-Metallic Ferromagnet $\text{La}_{0.7}\text{Sr}_{0.3}\text{MnO}_3$ – 1953
- Park, K.; and J.K. Jain** – Activation Gaps and Mass Enhancement of Composite Fermions – 4200
- Park, Y.M.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Parkin, S.S.P.** (see Koch, R.H.) – 4512
- Parks, P.B.** (see Whyte, D.G.) – 4392
- Parlinski, K.; Z.Q. Li, and Y. Kawazoe** – Parlinski, Li, and Kawazoe Reply – 3298(C)
- Parpia, Jeevak M.** (see Einzel, Dietrich) – 3896
- Parri, A.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Parrinello, M.** (see Bernasconi, M.) – 1235
- Parrinello, Michele** (see Ikeda, Takashi) – 4416
- Parris, P.E.** (see Novikov, S.V.) – 4472
- Parry, A.O.** (see Rascón, C.) – 1267
- Parthasarathy, S.** (see Parekh, Nita) – 1401
- Partridge, R.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Parua, N.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Pascaud, M.** (see Braun, D.) – 1062
- Pascual, P.** (see Latorre, J.I.) – 1351
- Pasler, Volker; Peter Schweiss, Christoph Meingast, Bernhard Obst, Helmut Wühl, Alexandre I. Rykov, and Setsuko Tajima** – 3D-XY Critical Fluctuations of the Thermal Expansivity in Detwinned $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ Single Crystals Near Optimal Doping – 1094
- Paspalakis, E.; and P.L. Knight** – Phase Control of Spontaneous Emission – 293
- Pasquali, Luca** (see Sacchi, Maurizio) – 1521
- Passmore, D.** (see Alves, G.A.) – 1537(E)
- Pastor, G.M.** (see Dorantes-Dávila, J.) – 208
- Pastor, Juan Manuel** (see Brú, Antonio) – 4008
- Pate, S.F.** (see Ackerstaff, K.) – 5519
 ____ (see Bochna, C.) – 4576
- Patel, P.M.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Patel, S.R.** (see Cronenwett, S.M.) – 5904
 ____ (see Huibers, A.G.) – 1917
- Patel, S.R.; D.R. Stewart, C.M. Marcus, M. Gökçedağ, Y. Alhassid, A.D. Stone, C.I. Duruöz, and J.S. Harris, Jr.** – Changing the Electronic Spectrum of a Quantum Dot by Adding Electrons – 5900
- Paterno, M.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Bhat, C.M.) – 5056
- Pati, Swapan K.; Rajiv R.P. Singh, and Daniel I. Khomskii** – Alternating Spin and Orbital Dimerization and Spin-Gap Formation in Coupled Spin-Orbital Systems – 5406
- Pato, M.P.** (see Hussein, M.S.) – 3049(C)
 ____ (see Ueda, M.) – 1809
- Patracek, V.** (see Aggarwal, M.M.) – 4087
- Patrick, J.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754

AUTHOR INDEX

- Pattard, Thomas; and Jan M. Rost** – Erratum: Degenerate Wannier Theory for Multiple Ionization [Phys. Rev. Lett. **80**, 5081 (1998)] – 2618(E)
- Patterson, B.M.** (see Takekoshi, T.) – 5105
- Patterson, J.R.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Patton, Carl E.** (see Xia, Hua) – 449
- Patton, S.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Paul, M.** (see Rehm, K.E.) – 3341
- Pauletta, G.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Paulini, M.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Pavel, T. J.** (see Abe, K.) – 942
- Pavliouk, S.** (see Aggarwal, M.M.) – 4087
- Pavlov, V. V.** (see Fröhlich, D.) – 3239
- Pavlychev, A. A.; N. G. Fominykh, N. Watanabe, K. Soejima, E. Shigemasa, and A. Yagishita** – Dynamic Properties of N and O $1s^{-1}\sigma_u^*$ Shape Resonances in N₂ and CO₂ Molecules – 3623
- Pawlik, B.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Paxton, A. T.** (see Finnis, M.W.) – 5149
 ____ (see Yeşilten, D.) – 2998
- Pearson, C. J.** (see Longour, C.) – 3337
- Pearson, John E.** (see Mitkov, Igor) – 5453
- Peaslee, G. F.** (see Kolata, J.J.) – 4580
- Pecha, R.; B. Gompf, G. Nick, Z. Q. Wang, and W. Eisenmenger** – Resolving the Sonoluminescence Pulse Shape with a Streak Camera – 717
- Pechkurov, V.** (see Gornov, M.G.) – 4325
- Pedersen, H.B.; N. Djurić, M. J. Jensen, D. Kella, C. P. Safvan, L. Vejby-Christensen, and L. H. Andersen** – Doubly Charged Negative Ions of B₂ and C₂ – 5302
- Pedlar, T. K.** (see Adams, G. S.) – 5760
 ____ (see Gornov, M.G.) – 4325
- Peeters, F. M.** (see Schweigert, V. A.) – 2783
 ____ (see Valkering, A. M. C.) – 5398
- Pegg, D. J.** (see Kiyani, I. Yu.) – 2874
- Pegg, David T.; Lee S. Phillips, and Stephen M. Barnett** – Optical State Truncation by Projection Synthesis – 1604
- Pehlke, E.** (see Kratzer, P.) – 5596
- Peiffer, D. G.** (see Colby, R. H.) – 3876
- Peisl, J.** (see Trenkler, J.) – 2276
- Pekker, M. S.** (see Fasoli, A.) – 5564
- Pekola, J. P.** (see Anghel, D. V.) – 2958
- Peliti, Luca** (see Franz, Silvio) – 1758
- Pellegrin, E.** (see Tjeng, L. H.) – 734(C)
- Pellegrini, C.** (see Hogan, M. J.) – 4867
 ____ (see Tremaine, A.) – 5816
- Pellegrino, A. R.** (see Onderwater, C. J. G.) – 2213
- Pellett, D.** (see Apanasevich, L.) – 2642
- Pellin, M. J.** (see Nicolussi, G. K.) – 3583
- Pelz, J. P.; C. Ebner, D. E. Jones, Y. Hong, E. Bauer, and I. S. T. Tsong** – Comment on “Step Faceting at the (001) Surface of Boron Doped Silicon” – 5473(C)
- Penc, K.** (see Neudert, R.) – 657
- Penent, F.; R. I. Hall, R. Panajotović, J. H. D. Eland, G. Chaplier, and P. Lablanquie** – New Method for the Study of Dissociation Dynamics of State-Selected Doubly Charged Ions: Application to CO²⁺ – 3619
- Peng, K. C.** (see Aitala, E. M.) – 44
- Pénisson, J. M.** (see Le Floch, D.) – 2272
- Pennanen, J.** (see Odaka, S.) – 2428
- Pennington, C. H.** (see Gorny, K. R.) – 2340
- Pennycook, S. J.** (see Chisholm, M. F.) – 132
 ____ (see Nellist, P. D.) – 4156
 ____ (see Yan, Y.) – 3675
- Pennycook, Stephen J.** (see Yan, Yanfa) – 5145
- Pépin, Catherine; and Patrick A. Lee** – Order from Disorder: Nonmagnetic Impurities in the Spin-Gap Phase of the Cuprates – 2779
- Pépin, H.** (see Fuchs, J.) – 4275(C)
- Pepper, M.** (see Appleyard, N. J.) – 3491
 ____ (see Liang, C.-T.) – 3507
- Perakis, I. E.** (see Shahbazyan, T. V.) – 3120
- Perazzo, A.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Perdrisat, C. F.** (see Lourie, R. W.) – 2832(C)
- Peredera, Anatoli** (see Golubović, Leonardo) – 3387
- Perera, Donna N.; and Peter Harrowell** – Origin of the Difference in the Temperature Dependences of Diffusion and Structural Relaxation in a Supercooled Liquid – 120
- Perera, L. P.** (see Aitala, E. M.) – 44
 ____ (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Peres, N. M. R.** (see Carmelo, J. M. P.) – 489(C)
- Pereversev, S.** (see Simmonds, R. W.) – 1247
- Pereyaslavets, M.** (see Idehara, T.) – 1973
- Pérez Vicente, C. J.** (see Bonilla, L. L.) – 3643
- Perez-Mato, J. M.; M. Aroyo, J. Hlinka, M. Quilichini, and R. Currat** – Phonon Symmetry Selection Rules for Inelastic Neutron Scattering – 2462
- Pérez-Mercader, Juan** (see Hochberg, David) – 4802
- Perfetti, P.** (see De Padova, P.) – 2320
- Perkins, J.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Perl, M. L.** (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Perrin, C.** (see Ajaka, J.) – 1797
- Perrino, R.** (see Niculescu, G.) – 1805
 ____ (see Onderwater, C. J. G.) – 2213
 ____ (see Spaltro, C. M.) – 2870

- Perry, M.D.** (see Wharton, K.B.) – 822
- Pershan, P.S.** (see Fukuto, M.) – 3455
- Persson, B.N.J.** – Model Study of Brittle Fracture of Polymers – 3439
- Pertsova, M.** (see Prinz, A.A.) – 1175
- Peruzzi, I.** (see Abe, K.) – 942
- Pervan, P.; M. Milun, and D. P. Woodruff** – Interatomic Resonant Photoemission from Quantum-Well States in Ultrathin Films of Ag on V(100) – 4995
- Pescara, L.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Pesch, Werner** (see Plapp, Brendan B.) – 5334
- Petek, H.** (see Nessler, W.) – 4480
- Petek, Hrvoje** (see Sjodin, Theodore) – 5664
- Peters, M.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Peters, M.D.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Petersen, M.** (see Wang, X.-G.) – 1038
- Peterson, C.G.** (see Buttler, W.T.) – 3283
- Peterson, D.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- ____ (see Kolata, J.J.) – 4580
- Peterson, D.L.** (see Deeney, C.) – 4883
- Pethick, C.J.** (see Kavoulakis, G.M.) – 4036
- Petri, A.** (see Puglisi, A.) – 3848
- Petrov, D.K.** (see Krusin-Elbaum, L.) – 3948
- Petrov, E.P.; V.N. Bogomolov, I.I. Kalosha, and S.V. Gaponenko** – Spontaneous Emission of Organic Molecules Embedded in a Photonic Crystal – 77
- Petukhov, A.V.; Vera L. Brudny, W. Luis Mochán, Jesús A. Maytorena, Bernardo S. Mendoza, and Th. Rasing** – Energy Conservation and the Manley-Rowe Relations in Surface Nonlinear-Optical Spectroscopy – 566
- Pfaff, H.-W.** (see Balestra, F.) – 4572
- Pfannmüller, Markus P.** (see Frahm, Holger) – 2116
- Pfau, T.** (see Gauck, H.) – 5298
- ____ (see Nowak, S.) – 5792
- Pfeiffer, B.** (see Franchoo, S.) – 3100
- Pfeiffer, L.N.** (see Feng, X.G.) – 3219
- ____ (see Khandelwal, P.) – 673
- Pfützner, M.** (see Grzywacz, R.) – 766
- Phair, L.; L. Beaulieu, L.G. Moretto, and G. J. Wozniak** – Evidence for Dynamical Fragment Production? – 4021(C)
- ____ (see Beaulieu, L.) – 770
- Phelps, A.D.R.** (see Denisov, G.G.) – 5680
- Philipsen, Owe; and Hartmut Wittig** – String Breaking in Non-Abelian Gauge Theories with Fundamental Matter Fields – 4056
- Phillips, Lee S.** (see Pegg, David T.) – 1604
- Phillips, T.J.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Phillips, W.D.** (see Raithe, G.) – 3615
- Piacentino, G.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Piamonteze, C.; A.C. Iñiguez, L.R. Tessler, M.C. Martins Alves, and H. Tolentino** – Environment of Erbium in *a*-Si:H and *a*-SiO_x:H – 4652
- Piancastelli, M.N.** (see Kivimäki, A.) – 301
- Piasetzky, E.** (see Mardor, I.) – 5085
- Picco, M.** (see Marinari, E.) – 1698
- Piccolo, M.** (see Abe, K.) – 942
- Pich, C.; A.P. Young, H. Rieger, and N. Kawashima** – Critical Behavior and Griffiths-McCoy Singularities in the Two-Dimensional Random Quantum Ising Ferromagnet – 5916
- Pichard, Jean-Louis** (see Schmitteckert, Peter) – 2308
- Pickett, W.E.; and D.J. Singh** – Comment on “Bloch Electrons in a Jahn-Teller Crystal and an Orbital-Density-Wave State due to the Berry Phase” – 3802(C)
- ____ (see Weht, Ruben) – 2502
- Piech, Garrett A.; John B. Boffard, Mark F. Gehrke, L.W. Anderson, and Chun C. Lin** – Measurement of Cross Sections for Electron Excitation out of the Metastable Levels of Argon – 309
- Piegaia, R.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Piekarczyk, H.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Piemontese, L.** (see Abe, K.) – 942
- Pieper, M.W.** (see Allodi, G.) – 4736
- Pierce, Marlon; and Efstratios Manousakis** – Phase Diagram of Second Layer of ⁴He Adsorbed on Graphite – 156
- Pieroni, E.** (see Abe, K.) – 942
- Pietroni, Massimo** – Plasmon Damping Rate for $T \rightarrow T_C$ – 2424
- Pietzmann, T.** (see Aggarwal, M.M.) – 4087
- Pigarov, A.Yu.** (see Ohno, N.) – 818
- Pijper, E.** (see Bertino, M.F.) – 5608
- Pikovsky, A.** (see Tass, P.) – 3291
- Pillai, M.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Pinanaud, W.** (see Aggarwal, M.M.) – 4087
- Pinaré, J.C.; B. Baguenard, C. Bordas, and M. Broyer** – Photoelectron Imaging Spectroscopy of Small Clusters: Evidence for Non-Boltzmannian Kinetic-Energy Distribution in Thermionic Emission – 2225
- Pincus, P.** (see Lau, A.W.C.) – 1338
- Pindak, R.** (see Mach, P.) – 1015

AUTHOR INDEX

- Pines, David** (see Morr, Dirk K.) – 1086
- Pinkenburg, C.** (see Danielewicz, P.) – 2438
- Pinsard, L.** (see Hennion, M.) – 1957
- Pinton, J.-F.** (see Labbé, R.) – 1413
- Piragino, G.** (see Balestra, F.) – 4572
- Piran, Tsvi** (see Hod, Shahar) – 1554
- Piriaux, Bernard** (see de Bohan, Armelle) – 1837
- Pire, B.** (see Diehl, M.) – 1782
- Pisani, F.** (see Hall, T.A.) – 1003
- Pisarev, R. V.** (see Fröhlich, D.) – 3239
- Pisarski, Robert D.** (see Kharzeev, Dmitri) – 512
- Pischalnikov, Y.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Piskarskas, A.** (see Di Trapani, P.) – 570
- Pistolesi, F.** – Theory and Data Analysis for Excitations in Liquid ^4He
 Beyond the Roton Minimum – 397
- Pitaevskii, L.; and S. Stringari** – Elementary Excitations in Trapped
 Bose-Einstein Condensed Gases Beyond the Mean-Field
 Approximation – 4541
- Pitcher, W.H., III** (see Keller, S.L.) – 5019
- Pitois, S.; G. Millot, and S. Wabnitz** – Polarization Domain Wall
 Solitons with Counterpropagating Laser Beams – 1409
- Pitt, M.** (see Ackerstaff, K.) – 5519
- Pitts, K. T.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Abe, K.) – 942
- Planes, Antoni** (see Carrillo, Lluís) – 1889
- Plano, R. J.** (see Abe, K.) – 942
- Plapp, Brendan B.; David A. Egolf, Eberhard Bodenschatz, and
 Werner Pesch** – Dynamics and Selection of Giant Spirals in
 Rayleigh-Bénard Convection – 5334
- Plapp, Mathis** (see Karma, Alain) – 4444
- Plasil, F.** (see Aggarwal, M. M.) – 4087
- Plass, Richard; Kenneth Egan, Chris Collazo-Davila, Daniel
 Grozea, Eric Landree, Laurence D. Marks, and Marija
 Gajdardziska-Josifovska** – Cyclic Ozone Identified in Magnesium
 Oxide (111) Surface Reconstructions – 4891
- Platero, Gloria** (see Aguado, Ramón) – 4971
 ____ (see López, Rosa) – 4688
- Plefka, Jan C.; Marco Serone, and Andrew K. Waldron** – Matrix
 Theory S Matrix – 2866
- Pleiter, F.** (see Roşu, M. F.) – 4680
- Plerou, Vasiliki** (see Wang, Ziqiang) – 1747(C)
- Plischke, P.** (see Armbruster, B.) – 520
- Płochocki, A.** (see Grzywacz, R.) – 766
- Ploog, K. H.** (see Luo, K. J.) – 1290
- Plückthun, M.** (see Bock, A.) – 534
- Plummer, E. W.** (see Lizzit, S.) – 3271
- Plunkett, R.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Pochelon, A.** (see Hofmann, F.) – 2918
- Pociecha, D.** (see Gorecka, E.) – 2946
- Podloucky, R.** (see Moroni, E. G.) – 1969
- Pohl, K.** (see Lizzit, S.) – 3271
- Pohl, K. R.** (see Bush, J. E.) – 61
- Pohl, R. O.** (see Liu, Xiao) – 3171
- Pokrovsky, Valery** (see Lyuksyutov, Igor F.) – 2344
- Poling, R.** (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Polishchuk, I. Ya.** (see Burin, A. L.) – 2395(E)
- Polisski, G.** (see Kovalev, D.) – 2803
- Politano, H.** (see Zienicke, E.) – 4640
- Pollak, M.** (see Vaknin, A.) – 669
- Pollmann, Johannes** (see Lu, Wenchang) – 2292
- Pollmann, M.** (see Hövel, H.) – 4608
- Pollock, R. E.** (see Meyer, H. O.) – 3096
- Polturak, Emil** (see Berent, Inon) – 846
- Polyakov, D. G.** – Critical Conductance of a Mesoscopic System:
 Interplay of the Spectral and Eigenfunction Correlations at the
 Metal-Insulator Transition – 4696
- Pomeroy, V. R.** (see Tseng, C. H.) – 3785
- Pomianowski, P.** (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Pommot-Maia, M.** (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
- Pompos, A.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Pondrom, L.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Poniewierski, A.** (see Hołyst, Robert) – 5848
- Ponomarenko, V. V.; and N. Nagaosa** – Transport through a 1D
 Mott-Hubbard Insulator of Finite Length – 2304
- Pontecorvo, G. B.** (see Balestra, F.) – 4572
- Poon, W. C. K.** (see Evans, R. M. L.) – 1326
 ____ (see Olmsted, P. D.) – 373
- Pope, B. G.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Popeko, G. S.** (see Ramayya, A. V.) – 947
- Popescu, S.** (see Linden, N.) – 3279
- Popov, A.** (see Adams, G. S.) – 5760
 ____ (see Balestra, F.) – 4572
- Porkolab, M.** (see Ernst, D. R.) – 2454
- Porte, G.** (see Séréro, Y.) – 5584
- Porter, F.** (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Portman, J. J.; S. Takada, and P. G. Wolynes** – Variational Theory
 for Site Resolved Protein Folding Free Energy Surfaces – 5237
- Posada-Amarillas, A.** (see Garzón, I. L.) – 1600
- Posse, S.** (see Kiselev, V. G.) – 5696
- Potashov, S.** (see Ackerstaff, K.) – 5519

- Potekhin, A.Y.** (see Baiko, D.A.) – 5556
- Potter, E.M.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
- Potterveld, D.** (see Niculescu, G.) – 1805
- Potterveld, D.H.** (see Ackerstaff, K.) – 5519
 ____ (see Bochna, C.) – 4576
- Pouloupoulos, P.** (see Bovensiepen, U.) – 2368
- Poulsen, M.R.** (see Bluhme, H.) – 73
- Pouquet, A.** (see Zienicke, E.) – 4640
- Powell, C.F.** (see Davids, B.) – 2209
- Poyatos, J.F.; J.I. Cirac, and P. Zoller** – Quantum Gates with “Hot” Trapped Ions – 1322
- Pratt Ferguson, B.** (see Yao, Y.) – 550
- Pratt, R.H.** (see Jung, M.) – 1596
- Pravica, Michael G.; and Isaac F. Silvera** – NMR Study of Ortho-Para Conversion at High Pressure in Hydrogen – 4180
- Prebys, E.** (see Apanasevich, L.) – 2642
- Prell, S.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Prelovšek, P.; A. Ramšak, and I. Sega** – *c*-axis Conductivity in the Normal State of Cuprate Superconductors – 3745
- Prentiss, M.** (see Johnson, K.S.) – 1137
- Prepost, R.** (see Abe, K.) – 942
- Prescott, C.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Prescott, C.Y.** (see Abe, K.) – 942
- Press, W.** (see Tolan, M.) – 2731
- Presura, C.** (see Damascelli, A.) – 918
- Preuss, R.** (see Dose, V.) – 3407
- Prezhdo, Oleg V.; and Peter J. Rossky** – Relationship between Quantum Decoherence Times and Solvation Dynamics in Condensed Phase Chemical Systems – 5294
- Price, D.L.** (see Krishnan, S.) – 586
- Price, David L.; Marie-Louise Saboungi, and Adrian C. Barnes** – Structure of Vitreous Germania – 3207
- Price, J.W.** (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
- Price, L.R.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Price, M.D.** (see Cory, D.G.) – 2152
- Prieto, J.E.** (see Camarero, J.) – 850
- Priftis, G.D.** (see Anastassopoulos, D.L.) – 830
- Prinz, A.A.; R. Baggs, J. Ballam, S. Ecklund, C. Fertig, J.A. Jaros, K. Kase, A. Kulikov, W.G.J. Langeveld, R. Leonard, T. Marvin, T. Nakashima, W.R. Nelson, A. Odian, M. Pertsova, G. Putallaz, and A. Weinstein** – Search for Millicharged Particles at SLAC – 1175
- Prior, M.H.** (see Dörner, R.) – 5776
- Pritchard, David E.** (see Smith, Edward T.) – 1996
- Pritychenko, B.** (see Navin, A.) – 5089
- Procaccia, Itamar** (see Arad, Itai) – 5330
 ____ (see L’vov, Victor S.) – 802
- Proctor, Michael R.E.** (see Silber, Mary) – 2450
- Prokof’ev, Nikolai V.; and Boris V. Svistunov** – Polaron Problem by Diagrammatic Quantum Monte Carlo – 2514
 ____ (see Göppert, Georg) – 2324
- Protopopescu, S.** (see Abbott, B.) – 38
- Prosper, H.B.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Bhat, C.M.) – 5056
- Protopopescu, S.** (see Abbott, B.) – 524
- Proudfoot, J.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Prudov, N.V.; and V.N. Ostrovsky** – Vibrational Structure in Asymmetric Doubly Excited States – 285
- Pruneri, V.** (see Cabrillo, C.) – 4361
- Pryadun, V.V.** (see Vasil’ev, A.N.) – 1949
- Ptohos, F.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Pu, H.** (see Law, C.K.) – 5257
- Puchkov, A.V.; M.C. Schabel, D.N. Basov, T. Startseva, G. Cao, T. Timusk, and Z.-X. Shen** – Layered Ruthenium Oxides: From Band Metal to Mott Insulator – 2747
- Pugh, D.** (see Avanci, L.H.) – 5426
- Puglisi, A.; V. Loreto, U. Marini Bettolo Marconi, A. Petri, and A. Vulpiani** – Clustering and Non-Gaussian Behavior in Granular Matter – 3848
- Pühlhofer, F.** (see Shin, Y.) – 1576
- Pukhov, A.** (see Shvets, G.) – 4879
- Pulci, Olivia; Giovanni Onida, Rodolfo Del Sole, and Lucia Reining** – *Ab Initio* Calculation of Self-Energy Effects on Optical Properties of GaAs(110) – 5374
- Pumir, Alain** (see Mydlarski, Laurent) – 4373
- Punkar, G.D.** (see Abe, K.) – 942
- Punzi, G.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Purdie, D.** (see Garnier, M.) – 1349(C)
- Purohit, M.V.** (see Aitala, E.M.) – 44
- Purschke, M.L.** (see Aggarwal, M.M.) – 4087
- Pusel, A.; U. Wetterauer, and P. Hess** – Photochemical Hydrogen Desorption from H-Terminated Silicon(111) by VUV Photons – 645
- Putallaz, G.** (see Prinz, A.A.) – 1175
- Putikka, W.O.; M.U. Luchini, and R.R.P. Singh** – Violation of Luttinger’s Theorem in the Two-Dimensional *t*-*J* Model – 2966
- Pykhtin, M.V.; Steven P. Lewis, E.J. Mele, and Andrew M. Rappe** – Collective Motion and Structural Order in Adsorbate Vibrational Dynamics – 5940
- Qi, N.D.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Qi, X.R.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080

AUTHOR INDEX

- Qian, C.D.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Qian, Hong – Vector Field Formalism and Analysis for a Class of Thermal Ratchets – 3063
Qian, J. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Qin, X.R.; Feng Liu, B.S. Swartzentruber, and M.G. Lagally – Modification of Si(100) Substrate Bonding by Adsorbed Ge or Si Dimer Islands – 2288
Qiu, J.F. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Qiu, Z.Q. (see Escorcia-Aparicio, Ernesto J.) – 2144
Qu, Y.H. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Quaade, U. (see Hansen, O.) – 5572
Quaresima, C. (see De Padova, P.) – 2320
Que, Y.K. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Quigley, J. (see Abe, K.) – 942
Quilichini, M. (see Perez-Mato, J.M.) – 2462
Quinet, P. (see Biémont, E.) – 3345
Quinn, B. (see Aitala, E.M.) – 44
Quint, W. (see Seelig, P.) – 4824
Quintas, P.Z. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Kim, J.H.) – 3595
Quirós, Mariano (see Espinosa, Jose Ramón) – 516
Quispel, G.R.W. (see McLachlan, Robert I.) – 2399
- Raabe, R.** (see Franchoo, S.) – 3100
Rabalais, J.W. (see Houssiau, L.) – 5153
Rabinovich, Mikhail I. (see Elson, Robert C.) – 5692
Radaelli, P.G. (see Lanzara, A.) – 878
Radeztsky, S. (see Aitala, E.M.) – 44
Rädler, J.O. (see Artzner, F.) – 5015
Radzihovsky, Leo; and John Toner – Transversely Driven Charge-Density Waves and Striped Phases of High- T_c Superconductors: The Current-Effect Transistor – 3711
Raeven, B. (see Aggarwal, M.M.) – 4087
Rafailovich, M.H. (see Colby, R.H.) – 3876
 ____ (see Tolan, M.) – 2731
Rafatian, A. (see Aitala, E.M.) – 44
 ____ (see Alves, G.A.) – 1537(E)
Raffa, F.; T. Ohno, M. Mali, J. Roos, D. Brinkmann, K. Conder, and M. Eremin – Isotope Dependence of the Spin Gap in $\text{YBa}_2\text{Cu}_4\text{O}_8$ as Determined by Cu NQR Relaxation – 5912
Raffelt, Georg G. – Comment on “New Limits to the Infrared Background: Bounds on Radiative Neutrino Decay and on Contributions of Very Massive Objects to the Dark Matter Problem” – 4020(C)
Ragan, K. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Raghavachari, Krishnan (see Stefanov, Boris B.) – 3908
Ragucci, T.J. (see Feng, X.G.) – 3219
- Rahm, J.** (see Ericson, T.E.O.) – 5254(C)
Rahman, H.U. (see Mohideen, U.) – 349
Rahman, Talat S. (see Kara, Abdelkader) – 1453
Raithel, G.; W.D. Phillips, and S.L. Rolston – Collapse and Revivals of Wave Packets in Optical Lattices – 3615
Raizen, M.G. (see Klappauf, B.G.) – 1203
 ____ (see Klappauf, B.G.) – 4044
 ____ (see Madison, K.W.) – 5093
Raja, R. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Rajagopal, K. (see Stephanov, M.) – 4816
Rajagopalan, S. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Rajesh, R.; and Deepak Dhar – An Exactly Solvable Anisotropic Directed Percolation Model in Three Dimensions – 1646
Rajeswari, M. (see Zhao, Y.G.) – 1310
Rak, J. (see Aggarwal, M.M.) – 4087
Rakhecha, Veer Chand (see Wagh, Apoorva G.) – 1992
Rakness, G. (see Ackerstaff, K.) – 5519
Rakness, G.L. (see Bochna, C.) – 4576
Ralph, T.C.; and P.K. Lam – Teleportation with Bright Squeezed Light – 5668
Ralston, John P.; Pankaj Jain, and Borge Nodland – New Phenomena in Propagation of Radio Polarizations due to Magnetic Fields on Cosmological Scales – 26
Ramamoorthy, M.; E.L. Briggs, and J. Bernholc – Chemical Trends in Impurity Incorporation into Si(100) – 1642
Ramamurthy, V.S. (see Aggarwal, M.M.) – 4087
Ramanujam, P.S. (see Hildebrandt, Ralf) – 5548
Ramaswamy, Sriram (see Levine, Alex) – 5944
Ramayya, A.V.; J.K. Hwang, J.H. Hamilton, A. Sandulescu, A. Florescu, G.M. Ter-Akopian, A.V. Daniel, Yu.Ts. Oganessian, G.S. Popeko, W. Greiner, J.D. Cole, and GANDS95 Collaboration – Observation of ^{10}Be Emission in the Cold Ternary Spontaneous Fission of ^{252}Cf – 947
Ramazza, P.L.; S. Ducci, and F.T. Arecchi – Optical Diffraction-Free Patterns Induced by a Discrete Translational Transport – 4128
Ramesh, R. (see Park, J.-H.) – 1953
 ____ (see Zhao, Y.G.) – 1310
Ramirez, O. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Ramírez, Rafael; Telesforo López-Ciudad, and José C. Noya – Feynman Effective Classical Potential in the Schrödinger Formulation – 3303
Ramond, Pierre (see Elwood, John K.) – 5064
Ramos, Miguel A. (see Bermejo, F. Javier) – 3801(C)
Ramšak, A. (see Prelovšek, P.) – 3745
Randeria, Mohit (see Ghosal, Amit) – 3940
Raniwala, R. (see Aggarwal, M.M.) – 4087
Raniwala, S. (see Aggarwal, M.M.) – 4087
Ranninger, J. (see Chakraverty, B.K.) – 433
 ____ (see Robin, J.M.) – 2755
Ransome, R. (see Bochna, C.) – 4576
Rao, N.K. (see Aggarwal, M.M.) – 4087
Rapoport, Yu. (see Bauer, M.) – 3769
Rapp, G. (see Artzner, F.) – 5015
Rapp, J. (see Armbruster, B.) – 520
Rapp, R.; T. Schäfer, E. Shuryak, and M. Velkovsky – Diquark Bose Condensates in High Density Matter and Instantons – 53
Rappaport, M. (see Eytan, G.) – 1666
Rappaport, M.L. (see Fuchs, D.T.) – 3944
Rappe, Andrew M. (see Pykhtin, M.V.) – 5940
Raschke, M.B. (see Kratzer, P.) – 5596
Rascón, C.; and A.O. Parry – Interfacial Structural Changes and Singularities in Nonplanar Geometries – 1267

- Rasing, Th.** (see Petukhov, A.V.) – 566
Rasmussen, J. Juul (see Naulin, V.) – 4148
Rasmussen, L. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
Ratcliff, B.N. (see Abe, K.) – 942
Rathmann, F. (see Meyer, H.O.) – 3096
Ratner, L.G. (see Blinov, B.B.) – 2906
Ratsch, Christian (see Gyure, Mark F.) – 4931
Ratray, Magnus; David Saad, and Shun-ichi Amari – Natural Gradient Descent for On-Line Learning – 5461
Rätzke, K. (see Klugkist, P.) – 614
Rau, A.R.P. – Unitary Integration of Quantum Liouville-Bloch Equations – 4785
Rauch, C.; G. Strasser, K. Unterrainer, W. Boxleitner, E. Gornik, and A. Wacker – Transition Between Coherent and Incoherent Electron Transport in GaAs/GaAlAs Superlattices – 3495
Raue, B.A. (see Niculescu, G.) – 1805
Ravikumar, V. (see Ajayan, P.M.) – 1437
Ravnikilde, J.T. (see Hansen, O.) – 5572
Ray, R. (see Nyéki, J.) – 152
Raychaudhuri, A.K. – Raychaudhuri Replies – 5033(C)
Real, J.-S. (see Niculescu, G.) – 1805
Real, A. (see Ackerstaff, K.) – 5519
Reay, N.W. (see Aitala, E.M.) – 44
Rebreyend, D. (see Ajaka, J.) – 1797
Reckwerth, Dirk (see Just, Wolfram) – 562
Redlich, K. (see Cleymans, J.) – 5284
Redlich, Ph. (see Carroll, D.L.) – 2332
Redwine, R. (see Ackerstaff, K.) – 5519
Reed, A.T. (see Longour, C.) – 3337
Reeder, R.A. (see Athanassopoulos, C.) – 1774
Reeves, J.H. (see Avignone, F.T., III) – 5068
Reeves, T.W. (see Abe, K.) – 942
Regan, P.H. (see Longour, C.) – 3337
Reggiani, L. (see Greiner, A.) – 5037(C)
Regnault, L.P. (see Zheludev, A.) – 5410
Rego, Luis G.C.; and George Kirczenow – Quantized Thermal Conductance of Dielectric Quantum Wires – 232
 — and **George Kirczenow** – Rego and Kirczenow Reply – 5038(C)
Rehberg, I. (see Rudroff, S.) – 4144
 — (see Steinbock, O.) – 798
Rehberg, Ingo (see Mahr, Thomas) – 89
Reher, D. (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
Rehfeld, H. (see Alt, H.) – 4847
Rehm, Jan B.; and Karsten Jedamzik – Big Bang Nucleosynthesis with Matter-Antimatter Domains – 3307
Rehm, K.E.; H. Esbensen, C.L. Jiang, B.B. Back, F. Borasi, B. Harss, R.V.F. Janssens, V. Nanal, J. Nolen, R.C. Pardo, M. Paul, P. Reiter, R.E. Segel, A. Sonzogni, J. Uusitalo, and A.H. Wuosmaa – Fusion Cross Sections for the Proton Drip Line Nucleus ^{17}F at Energies below the Coulomb Barrier – 3341
Reibold, Ekkehard (see Just, Wolfram) – 562
Reich, H. (see Seelig, P.) – 4824
Reichert, H. (see Trenkler, J.) – 2276
Reicherz, G. (see Bock, A.) – 534
Reichhardt, C. (see Olson, C.J.) – 3757
Reide, F. (see Tatishcheff, B.) – 1347(C)
Reidy, J. (see Abe, K.) – 942
Reidy, J.J. (see Aitala, E.M.) – 44
Reihl, B. (see Hövel, H.) – 4608
Reimerdes, H. (see Hofmann, F.) – 2918
Rein ten Wolde, Pieter; David W. Oxtoby, and Daan Frenkel – Coil-Globule Transition in Gas-Liquid Nucleation of Polar Fluids – 3695
Reinecke, T.L. (see Bayer, M.) – 2582
Reiner, J.W. (see Kostic, P.) – 2498
Reinertsen, P.L. (see Abe, K.) – 942
Reines, F. (see Fukuda, Y.) – 1158
 — (see Fukuda, Y.) – 1562
 — (see Fukuda, Y.) – 4279(E)
 — (see Shiozawa, M.) – 3319
Reinhard, P.-G. (see Doms, A.) – 5524
Reinhold, J. (see Bochna, C.) – 4576
 — (see Niculescu, G.) – 1805
Reining, Lucia (see Pulci, Olivia) – 5374
Reischl, M. (see Abe, F.) – 1367
 — (see Abe, F.) – 1791
 — (see Abe, F.) – 2432
 — (see Abe, F.) – 4806
 — (see Abe, F.) – 5278
 — (see Abe, F.) – 5513
 — (see Abe, F.) – 5742
 — (see Abe, F.) – 5748
 — (see Abe, F.) – 5754
Reiser, M. (see Lawson, W.) – 3030
Reiser, Martin (see Venturini, Marco) – 96
Reiter, P. (see Rehm, K.E.) – 3341
Reithmaier, J.P. (see Bayer, M.) – 2582
Rejmánková-Pernot, P.; P. Cloetens, J. Baruchel, J.-P. Guigay, and P. Moretti – Phase Retrieval by Combined Bragg and Fresnel X-Ray Diffraction Imaging – 3435
Remington, B.A. (see Drake, R.P.) – 2068
Rempe, G. (see Dürr, S.) – 5705
Remsberg, L.P. (see Ahle, L.) – 2650
Renard, F. (see Ajaka, J.) – 1797
Renberg, P.-U. (see Ericson, T.E.O.) – 5254(C)
Renisch, S. (see Nagl, C.) – 3483
Rensing, P.E. (see Abe, K.) – 942
Rentmeester, M.C.M.; R.A.M. Klomp, and J.J. de Swart – Comment on “ πNN Coupling from High Precision np Charge Exchange at 162 MeV” – 5253(C)
Reolon, A.R. (see Ackerstaff, K.) – 5519
Ressel, B. (see De Padova, P.) – 2320
Retiere, F. (see Aggarwal, M.M.) – 4087
Reucroft, S. (see Abbott, B.) – 38
 — (see Abbott, B.) – 524
Reusen, I. (see Franchoo, S.) – 3100
Reuter, K.; F.J. Garcia-Vidal, P.L. de Andres, F. Flores, and K. Heinz – Ballistic Electron Emission Microscopy on $\text{CoSi}_2/\text{Si}(111)$ Interfaces: Band Structure Induced Atomic-Scale Resolution and Role of Localized Surface States – 4963
Revcolevschi, A. (see Damascelli, A.) – 918
 — (see Hennion, M.) – 1957
 — (see Lorenz, T.) – 148
 — (see Vasil’ev, A.N.) – 1949
Reyes, M.A.; M.C. Berisso, D.C. Christian, J. Felix, A. Gara, E. Gottschalk, G. Gutierrez, E.P. Hartouni, B.C. Knapp, M.N. Kreisler, S. Lee, K. Markianos, G. Moreno, M. Sosa, M.H.L.S. Wang, A. Wehmann, and D. Wesson – Partial Wave Analysis of the Centrally Produced $K_S K_S$ System at 800 GeV/ c – 4079
Reygers, K. (see Aggarwal, M.M.) – 4087
Reynolds, M.W. (see Mosk, A.P.) – 3046(C)
 — (see Mosk, A.P.) – 4440
Rezaei, M.A. (see Stipe, B.C.) – 1263

AUTHOR INDEX

- Reznik, Benni** (see Aharonov, Yakir) – 2190
- Ribon, A.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Ribotta, R.** (see Joets, A.) – 1547
- Rice, T.M.** (see Furukawa, Nobuo) – 3195
- Richert, Jean** (see Mejía-Monasterio, Carlos) – 5189
- Richichi, S. J.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Richter, A.** (see Alt, H.) – 4847
- Richter, D.** (see Arbe, A.) – 590
- ____ (see Schleger, P.) – 124
- Richter, W.** (see Shkrebtii, A. I.) – 721
- Ricolleau, Ch.** (see Le Floch, D.) – 2272
- Riecke, Hermann; and Glen D. Granzow** – Localization of Waves without Bistability: Worms in Nematic Electroconvection – 333
- Rief, Matthias; Julio M. Fernandez, and Hermann E. Gaub** – Elastically Coupled Two-Level Systems as a Model for Biopolymer Extensibility – 4764
- Rieger, H.** (see Pich, C.) – 5916
- Rieger, Heiko** – Ground State Properties of Fluxlines in a Disordered Environment – 4488
- ____ (see Müssel, Uwe) – 930(C)
- Riehle, T.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Riera, A.** (see Ueda, Masahito) – 1350(E)
- Riera, José** (see Dagotto, Elbio) – 4028(C)
- Riesen, S.** (see Oberli, D.) – 4228
- Rietman, R.** (see Martins, M. J.) – 504
- Rigaud, J.-L.** (see Koltover, I.) – 2494
- Rightley, Paul M.** (see Vorobieff, Peter) – 2240
- Rijssenbeek, M.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Rikvold, P. A.** (see Sides, S. W.) – 834
- Riley, D.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Riley, P. J.** (see Ambrose, D.) – 4309
- ____ (see Ambrose, D.) – 5734
- Rimondi, F.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Rinberg, Dmitry; and Victor Steinberg** – Acoustic Phase Conjugation in Superfluid Helium – 5812
- Rinckel, T.** (see Blinov, B. B.) – 2906
- ____ (see Meyer, H. O.) – 3096
- Ringbom, A.** (see Ericson, T. E. O.) – 5254(C)
- Ringland, K. L.** (see Finnefrock, A. C.) – 3459
- Rinzler, Andrew G.** (see Cobden, David H.) – 681
- Riotto, Antonio** (see Bajc, Borut) – 1355
- ____ (see Chung, Daniel J. H.) – 4048
- Ripani, M.** (see Ajaka, J.) – 1797
- Ripoche, J.-F.** (see Lange, H. R.) – 1611
- Ristein, J.** (see Cui, J. B.) – 429
- Ristinen, R.** (see Ackerstaff, K.) – 5519
- Ristori, L.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Ritchie, D. A.** (see Liang, C.-T.) – 3507
- ____ (see Watts, J. P.) – 4220
- Ritchie, J. L.** (see Ambrose, D.) – 4309
- ____ (see Ambrose, D.) – 5734
- Rith, K.** (see Ackerstaff, K.) – 5519
- Ritman, J.** (see Balestra, F.) – 4572
- Ritort, F.** (see Bonilla, L. L.) – 3643
- ____ (see Marinari, E.) – 1698
- Ritter, M.** (see Wang, X.-G.) – 1038
- Rivera, Michael; Peter Vorobieff, and Robert E. Ecke** – Turbulence in Flowing Soap Films: Velocity, Vorticity, and Thickness Fields – 1417
- Rivers, R. J.** (see Karra, G.) – 3707
- Riyopoulos, Spilios** – Magnetron Instability in the Low-Space-Charge Limit – 3026
- Rizzi, Anthony** – Angular Momentum in General Relativity: A New Definition – 1150
- Roberts, D.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Roberts, J. L.; N. R. Claussen, James P. Burke, Jr., Chris H. Greene, E. A. Cornell, and C. E. Wieman** – Resonant Magnetic Field Control of Elastic Scattering in Cold ^{85}Rb – 5109
- Roberts, J. S.** (see Baumberg, J. J.) – 661
- Roberts, K. J.** (see Avanci, L. H.) – 5426
- Roberts, Mark A.** (see Bowron, Daniel T.) – 4164
- Roberts, Ronald** (see Gleiser, Marcelo) – 5497
- Roberts, S.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Roberts, Tony D.** (see Smith, Edward T.) – 1996
- Robertson, D. A.** (see Courtial, J.) – 4828
- Robertson, W. J.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Robidoux, Nicolas** (see McLachlan, Robert I.) – 2399
- Robin, J. M.; A. Romano, and J. Ranninger** – Metal-Insulator Crossover in the Boson-Fermion Model in Infinite Dimensions – 2755
- Robinson, A.** (see Abe, F.) – 5742
- Robinson, I. K.** (see Walko, D. A.) – 626

- Robinson, J.W.C.; D.E. Asraf, A.R. Bulsara, and M.E. Inchiosa** – Information-Theoretic Distance Measures and a Generalization of Stochastic Resonance – 2850
- Rocca, J.J.** (see Benware, B.R.) – 5804
 ____ (see Vaschenko, G.) – 5536
- Roche, K.P.** (see Koch, R.H.) – 4512
- Rochester, L.S.** (see Abe, K.) – 942
- Rochow, R.** (see Kietzmann, H.) – 5378
- Rockwell, T.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Roco, J.M.M.** (see Velasco, S.) – 5470(C)
- Roco, M.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Rodrigo, G.** (see Kühn, J.H.) – 49
- Rodrigo, T.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Rodríguez de la Fuente, Oscar; and José M. Soler** – Structure and Stability of an Amorphous Metal – 3159
- Rodríguez, J.L.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Rodríguez-Carvajal, J.; G. Rousse, C. Masquelier, and M. Hervieu** – Electronic Crystallization in a Lithium Battery Material: Columnar Ordering of Electrons and Holes in the Spinel LiMn_2O_4 – 4660
 ____ (see Hennion, M.) – 1957
- Roeder, H.** (see Fast, Lars) – 2978
- Roessli, B.** (see Bernhoeft, N.) – 4244
- Rogachevskii, Igor** (see Elperin, Tov) – 2898
- Rogers, B.N.; J.F. Drake, and A. Zeiler** – Phase Space of Tokamak Edge Turbulence, the L - H Transition, and the Formation of the Edge Pedestal – 4396
- Rogers, John A.** (see Ermi, Brett D.) – 3900
- Rogister, André L.** – Transport Barriers Formation and Subneoclassical Energy Fluxes: A Unified Theoretical Approach – 3663
- Rogojanu, O.C.** (see Roşu, M.F.) – 4680
- Rohlfing, Michael; and Steven G. Louie** – Electron-Hole Excitations in Semiconductors and Insulators – 2312
- Rojo, J.M.** (see Del Bianco, L.) – 4500
- Roland, G.** (see Aggarwal, M.M.) – 4087
- Rolli, S.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Roloff, H.** (see Ackerstaff, K.) – 5519
- Rols, Stéphane** (see Anglaret, Eric) – 4780(C)
- Rolston, S.L.** (see Raithel, G.) – 3615
- Roman, H. Eduardo** (see Koscielny-Bunde, Eva) – 729
- Romano, A.** (see Robin, J.M.) – 2755
- Romano, P.** (see DeWilde, Y.) – 492(E)
- Romberg, R.** (see Kassühlke, B.) – 2771
- Romeo, T.** (see Leon, R.) – 2486
- Romestain, R.** (see Dang, Le Si) – 3920
 ____ (see Mihalcescu, I.) – 3805(C)
- Rommer, Stefan** (see Eggert, Sebastian) – 1690
- Romosán, A.** (see Kim, J.H.) – 3595
- Ronald, K.** (see Denisov, G.G.) – 5680
- Roncaglia, R.; and G.P. Tsironis** – Discrete Quantum Motors – 10
- Rong, G.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Rönnqvist, T.** (see Ericson, T.E.O.) – 5254(C)
- Roorda, S.** (see Liu, Xiao) – 3171
- Roos, J.** (see Raffa, F.) – 5912
- Roos, P.** (see Niculescu, G.) – 1805
- Rosati, S.** (see Viviani, M.) – 1580
- Rösch, N.** (see Sinzig, J.) – 3211
- Rose, H.A.** (see Fernández, Juan C.) – 2252
- Rose, S.** (see Hall, T.A.) – 1003
- Rosenberg, M.** (see Mohideen, U.) – 349
- Rosenblatt, Charles** (see Panarin, Yuri P.) – 2699
- Rosenblum, M.G.** (see Tass, P.) – 3291
- Rosenbluth, M.N.** (see Medvedev, M.V.) – 5824
- Rosenfeld, Yaakov** (see Zinamon, Zeev) – 4668
- Rosengren, Anders** (see Lapinskas, Saulius) – 1302
- Rosenkranz, S.** (see Osborn, R.) – 3964
- Rosenow, B.** (see Hackenbroich, G.) – 5896
- Rosenon, L.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Rosenzweig, J.** (see Hogan, M.J.) – 4867
- Rosenzweig, J.B.** (see Tremaine, A.) – 5816
- Roser, R.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Apanasevich, L.) – 2642
- Roser, T.** (see Mardor, I.) – 5085
- Rosier, L.** (see Ajaka, J.) – 1797
- Rosmej, F.B.** (see Glenzer, S.H.) – 365
- Rosner, Jonathan L.** (see Neubert, Matthias) – 5076
- Ross, W.R.** (see Alves, G.A.) – 1537(E)
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Rossel, C.** (see Willemin, M.) – 4236
- Rosselet, L.** (see Aggarwal, M.M.) – 4087
- Rossi, Fausto** (see Zanardi, Paolo) – 4752
- Rossi, P.** (see Ackerstaff, K.) – 5519
 ____ (see Ajaka, J.) – 1797
- Rossky, Peter J.** (see Prezhdo, Oleg V.) – 5294
- Rössler, U.** (see Lu, J.P.) – 1282
- Rost, Jan M.** (see Pattard, Thomas) – 2618(E)
- Roşu, M.F.; C.R. Laurens, A. Falepin, M.A. James, M.H. Langelaar, F. Pleiter, O.C. Rogojanu, and L. Niesen** – Direct Observation of the Self-Diffusion Mechanism on the Ag(100) Surface – 4680
- Roth, I.** (see Ergun, R.E.) – 826
- Roth, S.** (see Carroll, D.L.) – 2332

AUTHOR INDEX

- Rots, M.** (see Demuyne, S.) – 2562
- Rotzinger, F.P.** (see Vittadini, A.) – 2954
- Rouch, J.** (see Greffier, O.) – 3860
- Roudot, F.** (see Ajaka, J.) – 1797
- Roufanov, I.** (see Aggarwal, M.M.) – 4087
- Roulet, E.** (see Epele, L.N.) – 3295(C)
- Rousse, G.** (see Rodríguez-Carvajal, J.) – 4660
- Rousseaux, C.** (see Fuchs, J.) – 4275(C)
- Rousseaux, F.** (see Aign, T.) – 5656
- ____ (see Mathieu, C.) – 3968
- Rovelli, Carlo** – Erratum: What is a Gauge Transformation in Quantum Mechanics? [Phys. Rev. Lett. **80**, 4613 (1998)] – 4530(E)
- Rowson, P.C.** (see Abe, K.) – 942
- Roy, Anushree** (see Mohideen, U.) – 4549
- Roy, C.** (see Aggarwal, M.M.) – 4087
- Roy, J.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Roy, P.K.** (see Wang, W.) – 4224
- Roy, Probir** (see Drees, Manuel) – 2394(E)
- Roy, Rajarshi** (see VanWiggeren, Gregory D.) – 3547
- Rozenberg, M.J.; and D.R. Grempel** – Dynamics of the Infinite-Range Ising Spin-Glass Model in a Transverse Field – 2550
- Rubakov, V.A.** (see Akhmedov, E.Kh.) – 1359
- Ruban, A.V.** (see Simak, S.I.) – 188
- Rubenstein, Richard A.** (see Smith, Edward T.) – 1996
- Rubí, J.M.** (see Vilar, J.M.G.) – 14
- Rubin, H.A.** (see Aitala, E.M.) – 44
- Rubin, P.D.** (see Ambrose, D.) – 4309
- ____ (see Ambrose, D.) – 5734
- Rubinov, P.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Rubio Bollinger, G.** (see Cuevas, J.C.) – 2990
- Rubio, J.M.** (see Aggarwal, M.M.) – 4087
- Ruchti, R.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Rüdel, A.** (see Kivimäki, A.) – 301
- Rudhardt, D.; C. Bechinger, and P. Leiderer** – Direct Measurement of Depletion Potentials in Mixtures of Colloids and Nonionic Polymers – 1330
- ____ (see Wei, Q.-H.) – 2606
- Rüdiger, A.** (see Heinzl, G.) – 5493
- Rudkevich, E.; Feng Liu, D.E. Savage, T.F. Kuech, L. McCaughan, and M.G. Lagally** – Hydrogen Induced Si Surface Segregation on Ge-Covered Si(001) – 3467
- Rudnick, Joseph** (see Loh, Kok-Kiong) – 4935
- Rudnitsky, S.** (see Ackerstaff, K.) – 5519
- Rudroff, S.; H. Zhao, L. Kramer, and I. Rehberg** – Secondary Instabilities Form a Codimension-2 Point Accompanied by a Homoclinic Bifurcation – 4144
- Ruf, C.** (see Armbruster, B.) – 520
- Ruf, M.-W.** (see Schramm, A.) – 778
- Rüggeberg, Matthias** (see Holzfuss, Joachim) – 1961
- ____ (see Holzfuss, Joachim) – 5434
- Ruh, M.** (see Ackerstaff, K.) – 5519
- Rühle, M.** (see Carroll, D.L.) – 2332
- Ruiz-Camacho, J.** (see Lorenz, A.) – 361
- Rulkov, Nikolai F.** (see Elson, Robert C.) – 5692
- Rummukainen, K.** (see Bernard, Claude) – 3087
- Ruocco, G.** (see Angelani, L.) – 4648
- Ruoff, Arthur L.; Ting Li, Allen C. Ho, Min-Fan Pai, Huan Luo, Ray G. Greene, Chandrabhas Narayana, Jay C. Molstad, Steven S. Trail, Francis J. DiSalvo, Jr., and P.E. van Camp** – Sevenfold Coordinated MgSe: Experimental Internal Atom Position Determination to 146 GPa, Diffraction Studies to 202 GPa, and Theoretical Studies to 500 GPa – 2723
- Rupp, Thomas** (see Mejía-Monasterio, Carlos) – 5189
- Rusevich, L.** (see Agamalian, M.) – 602
- Rusponi, S.; G. Costantini, C. Boragno, and U. Valbusa** – Ripple Wave Vector Rotation in Anisotropic Crystal Sputtering – 2735
- ____ **G. Costantini, C. Boragno, and U. Valbusa** – Scaling Laws of the Ripple Morphology on Cu(110) – 4184
- Russell, E. Vidal; N.E. Israeloff, L.E. Walther, and H. Alvarez Gomariz** – Nanometer Scale Dielectric Fluctuations at the Glass Transition – 1461
- Russell, J.** (see Mardor, I.) – 5085
- Russell, J.J.** (see Abe, K.) – 942
- Russek, T.** (see Ajaka, J.) – 1797
- Rust, D.R.** (see Adams, G.S.) – 5760
- Rutgers, Maarten A.** – Forced 2D Turbulence: Experimental Evidence of Simultaneous Inverse Energy and Forward Enstrophy Cascades – 2244
- Rutherford, J.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Rutherford, George H.; and Rainer Grobe** – Comment on “Stern-Gerlach Effect for Electron Beams” – 4772(C)
- Rutt, P.M.** (see Bochna, C.) – 4576
- Ryabchikov, D.** (see Adams, G.S.) – 5760
- Ryan, A.J.** (see Olmsted, P.D.) – 373
- Ryckbosch, D.** (see Ackerstaff, K.) – 5519
- Rycroft, S.F.W.R.** (see Fuchs, D.T.) – 3944
- Ryde, H.** (see Frattini, S.) – 2659
- Ryckzewski, K.** (see Grzywacz, R.) – 766
- Rykov, A.I.** (see Limonov, M.F.) – 2181(C)
- Rykov, Alexandre I.** (see Pasler, Volker) – 1094
- Ryu, Chang Yeol; Martin E. Vigild, and Timothy P. Lodge** – Fluctuations with Cubic Symmetry in a Hexagonal Copolymer Microstructure – 5354
- Saa, Alberto** – Comment on “Theorem for Nonrotating Singularity-Free Universes” – 5031(C)
- Saab, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Saad, David** (see Rattray, Magnus) – 5461
- Saalfrank, M.** (see Nideröst, M.) – 3231
- Saam, W.F.** (see Shenoy, V.B.) – 3475
- Saboungi, Marie-Louise** (see Price, David L.) – 3207
- Sacchi, Maurizio; Coryn F. Hague, Luca Pasquali, Alessandro Mirone, Jean-Michel Mariot, Peter Isberg, Eric M. Gullikson, and James H. Underwood** – Optical Constants of Ferromagnetic Iron via 2p Resonant Magnetic Scattering – 1521
- Sachdev, Subir** (see Troyer, Matthias) – 5418
- Sachs, Ivo** (see Emparan, Roberto) – 2408
- Sackmann, E.** (see Hinner, B.) – 2614
- Sadoff, A.J.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Sadowski, M.L.; G. Martinez, and M. Grynberg** – Comment on “Magnetospectroscopy of Bound Phonons in High Purity GaAs” – 2834(C)

- Sadr-Lahijany, M. Reza; Antonio Scala, Sergey V. Buldyrev, and H. Eugene Stanley** – Liquid-State Anomalies and the Stell-Hemmer Core-Softened Potential – 4895
- Saeki, T.** (see Matsunaga, H.) – 4052
- Sáenz, J. J.** (see García-Martín, A.) – 329
- Saffman, M.** – Self-Induced Dipole Force and Filamentation Instability of a Matter Wave – 65
- Safinya, C. R.** (see Koltover, I.) – 2494
- Safonov, A. I.; S. A. Vasilyev, I. S. Yasnikov, I. I. Lukashevich, and S. Jaakkola** – Observation of Quasicondensate in Two-Dimensional Atomic Hydrogen – 4545
- Saffran, S. A.** – Charge Fluctuations and Shear Stress of Thin Films – 4768
- Safvan, C. P.** (see Pedersen, H. B.) – 5302
- Sagawa, H.** (see Orihara, H.) – 3607
- Saha, Swapan K.** (see Meyer, H. O.) – 3096
- Sahni, Varun; and Salman Habib** – Does Inflationary Particle Production Suggest $\Omega_m < 1$? – 1766
- Sahu, S. K.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- Sain, Anirban; Manu, and Rahul Pandit** – Turbulence and Multiscaling in the Randomly Forced Navier-Stokes Equation – 4377
- ____ (see Basu, Abhik) – 2687
- Saini, N. L.** (see Lanzara, A.) – 878
- Saint-Laurent, M. G.** (see Grzywacz, R.) – 766
- Saito, S.** (see Tomimoto, S.) – 417
- Saito, T.** (see Niculescu, G.) – 1805
- Saitoh, T.** (see Dessau, D. S.) – 192
- Saji, C.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Sakai, A.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Hatakeyama, S.) – 2016
- ____ (see Shiozawa, M.) – 3319
- Sakai, Hirofumi; H. Stapelfeldt, E. Constant, M. Yu. Ivanov, Daniel R. Matusek, James S. Wright, and P. B. Corkum** – Metastable Triply Charged Diatomic Molecules Produced with Femtosecond Pulses – 2217
- Sakaki, H.** (see Nordstrom, K. B.) – 457
- Sakaki, N.** (see Takeda, M.) – 1163
- Sakamoto, H.** (see Odaka, S.) – 2428
- Sakamoto, R.** (see Fujisawa, A.) – 2256
- Sakemi, Y.** (see Ackerstaff, K.) – 5519
- Sako, H.** (see Aggarwal, M. M.) – 4087
- ____ (see Ahle, L.) – 2650
- Sakuda, M.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Odaka, S.) – 2428
- ____ (see Shiozawa, M.) – 3319
- Sakumoto, W. K.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- ____ (see Kim, J. H.) – 3595
- Sakurai, N.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Salabura, P.** (see Balestra, F.) – 4572
- Salditt, T.** (see Koltover, I.) – 2494
- Saleh, Bahaa E. A.** (see Jost, Bradley M.) – 2233
- Sales, Tasso R. M.** – Smallest Focal Spot – 3844
- Saleur, H.** (see Fendley, P.) – 2518
- Salgado, C. W.** (see Bochna, C.) – 4576
- Salières, Pascal; Philippe Antoine, Armelle de Bohan, and Maciej Lewenstein** – Temporal and Spectral Tailoring of High-Order Harmonics – 5544
- Salmeron, M.** (see Enachescu, M.) – 1877
- Salmeron, Miquel** (see Miranda, P. B.) – 5876
- Salmhofer, Manfred** (see Furukawa, Nobuo) – 3195
- Saltzberg, D.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- ____ (see Halzen, F.) – 4305
- Salvetat, Jean-Paul** (see Bonard, Jean-Marc) – 1441
- Samarin, S.** (see Herrmann, R.) – 2148
- Samarin, S. N.** (see Berakdar, J.) – 3535
- Sambyal, S. S.** (see Aggarwal, M. M.) – 4087
- Samelin, Björn** (see Fárník, Michal) – 3892
- Samsonov, S. V.** (see Denisov, G. G.) – 5680
- Samuels, David C.; and Carlo F. Barenghi** – Vortex Heating in Superfluid Helium at Low Temperatures – 4381
- Samulski, E. T.** (see Callaghan, P. T.) – 4524
- Sanche, L.** (see Michaud, M.) – 2807
- ____ (see Nagesha, K.) – 5892
- Sanchez, J. M.** (see Díaz-Ortiz, A.) – 1146
- Sanchez, J. P.** (see Winkelmann, H.) – 4947
- Sánchez-Dehesa, J.** (see López-Ríos, T.) – 665
- Sánchez-Hernández, A.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Sánchez-Portal, D.** (see Garzón, I. L.) – 1600
- Sánchez-Soto, L. L.** (see Luis, A.) – 4031
- Sandberg, V.** (see Athanassopoulos, C.) – 1774
- Sandulescu, A.** (see Ramayya, A. V.) – 947
- Sandy, A. R.** (see Malik, A.) – 5832
- Sanford, R.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Sang, R. T.** (see Marrocco, M.) – 5784
- Sangster, M. J. L.** (see Grant, A. R.) – 3687
- Sangster, T. C.** (see Ahle, L.) – 2650
- Sanjari, A. H.** (see Adams, G. S.) – 5760
- Sansoni, A.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Santha, A. K. S.** (see Aitala, E. M.) – 44
- Santi, L.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806

AUTHOR INDEX

- _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
Santi, P. (see Kolata, J.J.) – 4580
Santo, R. (see Aggarwal, M.M.) – 4087
Santoro, A. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
Santoro, A.F.S. (see Aitala, E.M.) – 44
 _____ (see Alves, G.A.) – 1537(E)
Santos, F.D. (see Veal, K.D.) – 1187
Sanuki, H. (see Fujisawa, A.) – 2256
Sanuki, T. (see Matsunaga, H.) – 4052
Sanzone, M. (see Ajaka, J.) – 1797
Sapone, Samantha (see Di Trapani, Paolo) – 5133
Saraga, D.S.; and T.S. Monteiro – Quantum Chaos with Nonperiodic, Complex Orbits in the Resonant Tunneling Diode – 5796
Saraph, G.P. (see Lawson, W.) – 3030
Sarkadi, L. (see Schmitt, W.) – 4337
Sarkissian, Armand; and Herbert Levine – Comment on “Selection of the Saffman-Taylor Finger Width in the Absence of Surface Tension: An Exact Result” – 4528(C)
Sarma, D.D.; and Priya Mahadevan – Auger Transition from Orbital Degenerate Systems: Effects of Screening and Multielectron Excitations – 1658
Sarrao, J.L. (see Suh, B.J.) – 2791
Sarycheva, L.I. (see Adams, G.S.) – 5760
Sasagawa, T. (see Ino, A.) – 2124
Sasaki, M. (see Takeda, M.) – 1163
Sasaki, O. (see Fukuda, Y.) – 1158
 _____ (see Fukuda, Y.) – 1562
 _____ (see Fukuda, Y.) – 4279(E)
 _____ (see Shiozawa, M.) – 3319
Sato, H. (see Abe, F.) – 1367
 _____ (see Abe, F.) – 1791
 _____ (see Abe, F.) – 2432
 _____ (see Abe, F.) – 4806
 _____ (see Abe, F.) – 5278
 _____ (see Abe, F.) – 5513
 _____ (see Abe, F.) – 5742
 _____ (see Abe, F.) – 5748
 _____ (see Abe, F.) – 5754
 _____ (see Blinov, B.B.) – 2906
Sato, M. (see Odaka, S.) – 2428
Sato, N. (see Bernhoeft, N.) – 4244
 _____ (see Odaka, S.) – 2428
Sato, N.Y. (see Ikehata, T.) – 1853
Sato, S. (see Aggarwal, M.M.) – 4087
Sato, T. (see Dasgupta, B.) – 3144
Sato, Taku J.; Hiroyuki Takakura, An Pang Tsai, and Kaoru Shibata – Anisotropic Spin Correlations in the Zn-Mg-Ho Icosahedral Quasicrystal – 2364
Sato, Y. (see Bhang, H.) – 4321
Satooka, J.; H. Aruga Katori, A. Tobo, and K. Katsumata – Absence of Hysteresis in the Heat Capacity of the Three-Dimensional Random-Field Ising Model – 709
Sattarov, A.I. (see Alt, E.O.) – 4820
Satula, W.; J. Dobaczewski, and W. Nazarewicz – Odd-Even Staggering of Nuclear Masses: Pairing or Shape Effect? – 3599
Saucedo-Solorio, J.M. (see Cruz de León, G.) – 1122
Sauer, Timothy D.; Joshua A. Tempkin, and James A. Yorke – Spurious Lyapunov Exponents in Attractor Reconstruction – 4341
Sauerzopf, F.M. (see Buntar, V.) – 3749
Saunders, J. (see Nyéki, J.) – 152
Sauter, O. (see Hofmann, F.) – 2918
Sauvajol, Jean-Louis (see Anglaret, Eric) – 4780(C)
Sauvestre, J.E. (see Grzywacz, R.) – 766
Savage, D.E. (see Rudkevich, E.) – 3467
Savage, G. (see Bochna, C.) – 4576
 _____ (see Niculescu, G.) – 1805
Savalli, V. (see Cognet, L.) – 5044
Savić, I.M. (see Lee, S.L.) – 5209
Savin, I. (see Ackerstaff, K.) – 5519
Savinov, V. (see Alam, M.S.) – 3328
 _____ (see Anderson, S.) – 3823
 _____ (see Bergfeld, T.) – 272
 _____ (see Browder, T.E.) – 1786
Savrasov, S.Y. – Linear Response Calculations of Spin Fluctuations – 2570
Sawada, H. (see Fang, Z.) – 1027
Sawafta, R. (see Niculescu, G.) – 1805
Sawatzky, G.A. (see Tjeng, L.H.) – 734(C)
Sawyer, L. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
Saxena, A. (see Majumdar, N.) – 4778(C)
Saxton, O.H. (see Abe, K.) – 942
Scala, Antonio (see Sadr-Lahijany, M. Reza) – 4895
Scalapino, D.J. (see White, Steven R.) – 3227
Scalettar, Richard T. (see Huscroft, Carey) – 2775
 _____ (see van Otterlo, Anne) – 1497
Scandolo, Sandro (see Ueda, Masahito) – 2092
Scarfe, D. (see Trenkler, J.) – 2276
Schabel, M.C. (see Puchkov, A.V.) – 2747
Schaefer, D.J. (see Favre, D.E.) – 5852
Schaefer, M. (see Grzywacz, R.) – 766
Schaerf, C. (see Ajaka, J.) – 1797
Schäfer, T. (see Rapp, R.) – 53
Schäfer, W. (see Kner, P.) – 5386
Schaffner-Bielich, Jürgen (see Glendenning, Norman K.) – 4564
Schalk, T. (see Abe, K.) – 942
Schamberger, R.D. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
Scharnhorst, K. (see Bordag, M.) – 3815
Schätz, T. (see Lauer, I.) – 2052
Scheffler, M. (see Kratzer, P.) – 5596
 _____ (see Wang, X.-G.) – 1038
Scheffler, Matthias (see Fiorentini, Vincenzo) – 2184(E)
Scheffold, Frank; and Georg Maret – Universal Conductance Fluctuations of Light – 5800
Scheier, P. (see Farizon, B.) – 4108
Scheit, H. (see Davids, B.) – 2209
 _____ (see Navin, A.) – 5089
Schellman, H. (see Abbott, B.) – 38
 _____ (see Abbott, B.) – 524
 _____ (see Kim, J.H.) – 3595
Schellnhuber, Hans-Joachim (see Koscielny-Bunde, Eva) – 729
Schenkel, T.; A.V. Hamza, A.V. Barnes, D.H. Schneider, J.C. Banks, and B.L. Doyle – Ablation of GaAs by Intense, Ultrafast Electronic Excitation from Highly Charged Ions – 2590
Schernau, M. (see Bai, J.Z.) – 3091
 _____ (see Bai, J.Z.) – 5080
Scherrer, Robert J. (see Lopez, Robert E.) – 3075
Scheuerlein, R.E. (see Koch, R.H.) – 4512
Schiavilla, R. (see Wiringa, R.B.) – 4317
Schicker, R. (see Shin, Y.) – 1576
Schiener, B. (see Kircher, O.) – 4520
Schiettekatte, F. (see Liu, Xiao) – 3171
Schiffner, J.P. (see Drewsen, M.) – 2878

Schiller, Avraham; Frithjof B. Anders, and Daniel L.

Cox – Mixed-Valent Regime of the Two-Channel Anderson Impurity as a model for UBe_{13} – 3235

Schilling, A. (see Willemin, M.) – 4236

Schilling, R. (see Heinzel, G.) – 5493

Schindler, R.H. (see Abe, K.) – 942

Schippers, S. (see Khemliche, H.) – 1219

Schirmacher, Walter; Gregor Diezemann, and Carl

Ganter – Harmonic Vibrational Excitations in Disordered Solids and the “Boson Peak” – 136

Schlabach, P. (see Abe, F.) – 1367

____ (see Abe, F.) – 1791

____ (see Abe, F.) – 2432

____ (see Abe, F.) – 4806

____ (see Abe, F.) – 5278

____ (see Abe, F.) – 5513

____ (see Abe, F.) – 5742

____ (see Abe, F.) – 5748

____ (see Abe, F.) – 5754

Schlabitz, W. (see Wasser, S.) – 898

Schlagheck, H. (see Aggarwal, M.M.) – 4087

Schlathölter, T. (see Khemliche, H.) – 1219

Schleger, P.; B. Farago, C. Lartigue, A. Kollmar, and

D. Richter – Clear Evidence of Reptation in Polyethylene from Neutron Spin-Echo Spectroscopy – 124

Schlesener, F. (see Hanke, A.) – 1885

Schlesinger, Z. (see Kostic, P.) – 2498

Schlett, Katalin (see Czirók, András) – 3038

Schlögl, R. (see Wang, X.-G.) – 1038

Schlomka, J.-P. (see Tolan, M.) – 2731

Schmalian, Jörg – Pairing due to Spin Fluctuations in Layered Organic Superconductors – 4232

Schmelcher, Peter (see Diakonov, Fotis K.) – 4349

Schmid, A.K. (see Bartelt, M.C.) – 1901

Schmid, Michael (see Diebold, Ulrike) – 405

Schmidt, E.E. (see Abe, F.) – 1367

____ (see Abe, F.) – 1791

____ (see Abe, F.) – 2432

____ (see Abe, F.) – 4806

____ (see Abe, F.) – 5278

____ (see Abe, F.) – 5513

____ (see Abe, F.) – 5742

____ (see Abe, F.) – 5748

____ (see Abe, F.) – 5754

Schmidt, F. (see Ackerstaff, K.) – 5519

Schmidt, H. (see Imamoğlu, A.) – 2836(E)

Schmidt, H.-R. (see Aggarwal, M.M.) – 4087

Schmidt, M.P. (see Abe, F.) – 1367

____ (see Abe, F.) – 1791

____ (see Abe, F.) – 2432

____ (see Abe, F.) – 4806

____ (see Abe, F.) – 5278

____ (see Abe, F.) – 5513

____ (see Abe, F.) – 5742

____ (see Abe, F.) – 5748

____ (see Abe, F.) – 5754

Schmidt, T.; A.G.M. Jansen, R.J. Haug, K.v. Klitzing, and

K. Eberl – Magnetic Control of Electric-Field Domains in Semiconductor Superlattices – 3928

Schmidt, W.G. (see Shkrebti, A.I.) – 721

Schmidt-Böcking, H. (see Dörner, R.) – 5776

Schmidtler, M. (see Alam, M.S.) – 3328

____ (see Anderson, S.) – 3823

____ (see Bergfeld, T.) – 272

____ (see Browder, T.E.) – 1786

Schmidt-Rohr, K. (see Tracht, U.) – 2727

Schmieden, H. (see Klein, F.) – 2831(C)

Schmiedmayer, Jörg (see Denschlag, Johannes) – 737

Schmitt, F. (see Seelig, P.) – 4824

Schmitt, H. (see Ackerstaff, K.) – 5519

Schmitt, S.; J. Ficker, M. Wolff, F. König, A. Sizmann, and

G. Leuchs – Photon-Number Squeezed Solitons from an Asymmetric Fiber-Optic Sagnac Interferometer – 2446

Schmitt, W.; R. Moshhammer, F.S.C. O'Rourke, H. Kollmus,

L. Sarkadi, R. Mann, S. Hagmann, R.E. Olson, and

J. Ullrich – Ultralow-Energy Electrons from Fast Heavy-Ion Helium Collisions: The “Target Cusp” – 4337

Schmitteckert, Peter; Rodolfo A. Jalabert, Dietmar Weinmann,

and Jean-Louis Pichard – From the Fermi Glass towards the Mott Insulator in One Dimension: Delocalization and Strongly Enhanced Persistent Currents – 2308

Schneble, D. (see Gauck, H.) – 5298

Schneider, D.H. (see Schenkel, T.) – 2590

Schneider, Wolf-Dieter (see Li, Jiutao) – 4464

Schnell, G. (see Ackerstaff, K.) – 5519

Schnittman, J.D. (see Murphy, T.J.) – 108

Schnitzler, A. (see Tass, P.) – 3291

Schnitzler, H. (see Gauck, H.) – 5298

Schoeller, Herbert (see König, Jürgen) – 3511

Scholberg, K. (see Fukuda, Y.) – 1158

____ (see Fukuda, Y.) – 1562

____ (see Fukuda, Y.) – 4279(E)

____ (see Shiozawa, M.) – 3319

Schollwöck, U. (see Maisinger, K.) – 445

Schön, Gerd (see König, Jürgen) – 4468

____ (see Wilhelm, Frank K.) – 1682

Schöne, W.-D. (see Pacheco, J.M.) – 5703(C)

Schöne, Wolf-Dieter; and Adolfo G. Eguluz – Self-Consistent

Calculations of Quasiparticle States in Metals and Semiconductors – 1662

Schönenberger, C. (see Strunk, C.) – 2982

Schönfeld, F. (see Lorenz, T.) – 148

Schopohl, N.; and O.V. Dolgov – Schopohl and Dolgov

Reply – 4025(C)

Schoutens, Kareljan – Exclusion Statistics for Non-Abelian Quantum Hall States – 1929

Schrader, D.M. (see Jiang, Nan) – 5113

Schram, J.M. (see Ardavan, A.) – 713

Schramm, A.; J.M. Weber, J. Kreil, D. Klar, M.-W. Ruf, and

H. Hotop – Laser Photoelectron Attachment to Molecules in a Skimmed Supersonic Beam: Diagnostics of Weak Electric Fields and Attachment Cross Sections Down to 20 μeV – 778

Schramm, U. (see Lauer, I.) – 2052

Schreiber, Michael (see Vojta, Thomas) – 4212

Schrenk, S. (see Alam, M.S.) – 3328

____ (see Anderson, S.) – 3823

____ (see Bergfeld, T.) – 272

____ (see Browder, T.E.) – 1786

Schreyer, A. (see Bödeker, P.) – 914

Schroeder, L.S. (see Isaac, M.C. Perillo) – 2416

Schroer, Christian G.; Edward Ott, and James A. Yorke – Effect

of Noise on Nonhyperbolic Chaotic Attractors – 1397

Schuch, R. (see Mannervik, S.) – 313

Schuh, S. (see Alam, M.S.) – 3328

____ (see Anderson, S.) – 3823

____ (see Bergfeld, T.) – 272

____ (see Browder, T.E.) – 1786

Schüler, K.P. (see Ackerstaff, K.) – 5519

Schülke, L. (see Luo, H.J.) – 180

Schulthess, T.C.; and W.H. Butler – Consequences of Spin-Flop

Coupling in Exchange Biased Films – 4516

Schultze, V. (see Il'ichev, E.) – 894

AUTHOR INDEX

- Schulze, H.** (see Bastian, G.) – 1686
- Schumm, B.A.** (see Abe, K.) – 942
- Schuster, R.** (see Nagl, C.) – 3483
- Schüth, F.** (see Vietze, U.) – 4628
- Schwab, E.** (see Shin, Y.) – 1576
- Schwab, M.** (see Jensen, S. Juul) – 1614
- Schwabe, H.** (see Herrmann, R.) – 2148
- Schwalm, D.** (see Lauer, I.) – 2052
- Schwandt, P.** (see Blinov, B.B.) – 2906
- Schwarthoff, H.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
- Schwartz, A.J.** (see Aitala, E.M.) – 44
- Schwartz, B.** (see Meyer, H.O.) – 3096
- Schwartz, Daniel K.** (see Doudevski, Ivo) – 4927
- Schwartzkopff, M.** (see Kovalev, D.) – 2803
- Schwarz, E.** (see Biskamp, D.) – 4855
- Schwarz, S.A.** (see Colby, R.H.) – 3876
- Schwarz, U.; K. Takemura, M. Hanfland, and K. Syassen** – Crystal Structure of Cesium-V – 2711
- Schweigert, V.A.; F.M. Peeters, and P.Singha Deo** – Vortex Phase Diagram for Mesoscopic Superconducting Disks – 2783
- Schweiss, Peter** (see Pasler, Volker) – 1094
- Schweitzer, Ludwig** (see Kantelhardt, Jan W.) – 4907
- Schwiening, J.** (see Abe, K.) – 942
- Schwind, A.** (see Ackerstaff, K.) – 5519
- Sciulli, F.J.** (see Kim, J.H.) – 3595
- Scoccimarro, Román** (see Knox, Lloyd) – 2004
- Scott, A.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Scott, E.** (see Adams, G.S.) – 5760
- Scott, K.** (see Donovan, K.J.) – 3731
- Scott, S.D.** (see Ernst, D.R.) – 2454
- Scribano, A.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Sculli, J.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Scully, M.O.** (see Lukin, M.D.) – 2675
- Seamen, J.F.** (see Deeney, C.) – 4883
- Sears, Suzanne** (see Soljačić, Marin) – 4851
- Sebald, P.** (see von Busch, H.) – 4584
- Sebe, Takashi** (see Utsuno, Yutaka) – 5948(C)
- Seck, M.** (see Tsoi, M.) – 493(E)
- Seebauer, E.G.** (see Ditchfield, R.) – 1259
- Seeck, O.H.** (see Tolan, M.) – 2731
- Seelig, P.; S. Borneis, A. Dax, T. Engel, S. Faber, M. Gerlach, C. Holbrow, G. Huber, T. Kühl, D. Marx, K. Meier, P. Merz, W. Quint, F. Schmitt, M. Tomaselli, L. Völker, H. Winter, M. Würtz, K. Beckert, B. Franzke, F. Nolden, H. Reich, M. Steck, and T. Winkler** – Ground State Hyperfine Splitting of Hydrogenlike $^{207}\text{Pb}^{81+}$ by Laser Excitation of a Bunched Ion Beam in the GSI Experimental Storage Ring – 4824
- Sega, I.** (see Prelovšek, P.) – 3745
- Segel, R.** (see Niculescu, G.) – 1805
- Segel, R.E.** (see Bochna, C.) – 4576
 ____ (see Rehm, K.E.) – 3341
- Segev, Mordechai** (see Soljačić, Marin) – 4851
- Segler, S.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Seidel, S.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Seidler, P.F.** (see Alvarado, S.F.) – 1082
- Seifert, G.** (see Kietzmann, H.) – 5378
- Seiya, Y.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Sekimoto, M.** (see Bhang, H.) – 4321
- Selen, M.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Seligman, W.G.** (see Kim, J.H.) – 3595
- Sellin, I.A.** (see Wehlitz, R.) – 1813
- Selloni, A.** (see Vittadini, A.) – 2954
- Selverston, Allen I.** (see Elson, Robert C.) – 5692
- Semenov, V.E.** (see Dorozhkina, D.S.) – 2691
- Semeria, F.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Sen, S.** (see Abe, K.) – 942
- Şener, M.K.; and J.J.M. Verbaarschot** – Universality in Chiral Random Matrix Theory at $\beta = 1$ and $\beta = 4$ – 248
- Senger, P.** (see Balestra, F.) – 4572
 ____ (see Shin, Y.) – 1576
- Sengers, J.V.** (see Li, W.B.) – 5580
- Senjanović, Goran** (see Bajc, Borut) – 1355
- Seno, Flavio; Cristian Micheletti, Amos Maritan, and Jayanth R. Banavar** – Variational Approach to Protein Design and Extraction of Interaction Potentials – 2172
- Senovilla, José M.M.** – Comment on “Theorem for Nonrotating Singularity-Free Universes” – 5032(C)
- Sentenac, D.; and J.J. Benattar** – Long Range Hydration Effects in Electrolytic Free Suspended Black Films – 160

- Senthil, T.; Matthew P.A. Fisher, Leon Balents, and Chetan Nayak** – Quasiparticle Transport and Localization in High- T_c Superconductors – 4704
- Sera, M.** (see Hiroi, M.) – 2510
- Serbo, V.V.** (see Abe, K.) – 942
- Séréro, Y.; R. Aznar, G. Porte, J.-F. Berret, D. Calvet, A. Collet, and M. Viguier** – Associating Polymers: From “Flowers” to Transient Networks – 5584
- Sergatskov, Dmitri A.** (see Day, Peter K.) – 2474
- Sergeev, E.N.** (see Frolov, V.L.) – 1630
- Sergot, P.** (see Mahjoub, H.F.) – 2076
- Serio, M.** (see Osborne, A. R.) – 3559
- Sermage, B.** (see Gérard, J.M.) – 1110
- Serone, Marco** (see Plefka, Jan C.) – 2866
- Sessoli, Roberta** (see Caciuffo, Roberto) – 4744
- Seth, K.K.** (see Adams, G.S.) – 5760
- Seth, Kamal K.** (see Gornov, M.G.) – 4325
- Seto, R.** (see Ahle, L.) – 2650
- Severini, H.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Sferrazza, M.; M. Heppenstall-Butler, R. Cubitt, D. Bucknall, J. Webster, and R.A.L. Jones** – Interfacial Instability Driven by Dispersive Forces: The Early Stages of Spinodal Dewetting of a Thin Polymer Film on a Polymer Substrate – 5173
- Shabalina, E.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Shabratova, G.** (see Aggarwal, M.M.) – 4087
- Shaevitz, M.H.** (see Abe, K.) – 942
- ____ (see Kim, J.H.) – 3595
- Shaffer, C.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Shagalov, A.G.** (see Friedland, L.) – 4357
- Shah, J.** (see Birkedal, D.) – 2372
- ____ (see Kumar, Rajesh) – 2578
- Shah, Jagdeep** (see Woerner, Michael) – 4208
- Shah, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Shahbazyan, T.V.; I.E. Perakis, and J.-Y. Bigot** – Size-Dependent Surface Plasmon Dynamics in Metal Nanoparticles – 3120
- Shahidzadeh, Noushine; Daniel Bonn, Olivier Aguerre-Chariol, and Jacques Meunier** – Large Deformations of Giant Floppy Vesicles in Shear Flow – 4268
- Shaikhutdinov, Sh.K.** (see Wang, X.-G.) – 1038
- Shank, J.T.** (see Abe, K.) – 942
- Shankar, H.C.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Shao, Jiushu; and Peter Hänggi** – Decoherent Dynamics of a Two-Level System Coupled to a Sea of Spins – 5710
- Shao, Y.Y.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Shapiro, Boris** (see Janssen, Martin) – 3048(C)
- Shapiro, G.** (see Abe, K.) – 942
- Shapiro, M.D.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Shapiro, Moshe** (see Abrashkevich, Alexander) – 3789
- Shapiro, V.D.** – Modulational Interaction of the Lower-Hybrid Waves with a Kinetic-Alfvén Mode – 3415
- Sharapov, S.** (see Eriksson, L.-G.) – 1231
- Sharapov, S.E.** (see Fasoli, A.) – 5564
- Sharkey, E.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Sharma, Ashutosh; and Rajesh Khanna** – Pattern Formation in Unstable Thin Liquid Films – 3463
- Sharma, V.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Shattuck, M.D.** (see de Bruyn, John R.) – 1421
- Shaw, N.M.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Shayegan, M.** (see Jungwirth, T.) – 2328
- ____ (see Lu, J.P.) – 1282
- ____ (see Shukla, S.P.) – 693
- Shea, J.** (see Ahle, L.) – 2650
- Sheaff, M.** (see Aitala, E.M.) – 44
- ____ (see Alves, G.A.) – 1537(E)
- Sheffield, R.L.** (see Hogan, M.J.) – 4867
- ____ (see Nguyen, D.C.) – 810
- ____ (see Tremaine, A.) – 5816
- Shekhter, R.I.** (see Gorelik, L.Y.) – 2538
- Shelkov, V.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Shellard, E.P.S.** (see Avelino, P.P.) – 2008
- ____ (see Cornish, N.J.) – 3571
- Shen, B.W.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Shen, D.L.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Shen, F.** (see Gao, J.) – 1833
- Shen, H.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Shen, K.M.** (see Imai, T.) – 220
- Shen, S.C.** (see Chen, Zhonghui) – 2835(C)
- Shen, X.Y.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Shen, Y.R.** (see Miranda, P.B.) – 5876
- Shen, Z.-X.** (see Dessau, D.S.) – 192
- ____ (see Puchkov, A.V.) – 2747
- Sheng, H.Y.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091

AUTHOR INDEX

- ____ (see Bai, J.Z.) – 5080
- Sheng, Ping** (see Zhou, Lei) – 1509
- Shenhav, N.** (see Adams, G.S.) – 5760
- Shenoy, V.B.; Shiwei Zhang, and W.F. Saam** – Bunching Transitions on Vicinal Surfaces and Quantum n -mers – 3475
- Shepard, H.** (see Cooper, Fred) – 241(C)
- Shepard, P.** (see Apanasevich, L.) – 2642
- Shepard, P.F.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Shepard, T.D.** (see Glenzer, S.H.) – 365
- Shepelyansky, D.L.** (see Georgeot, B.) – 5129
- Shephard, W.D.** (see Adams, G.S.) – 5760
- Sherden, D.J.** (see Abe, K.) – 942
- Sherrill, B.M.** (see Bush, J.E.) – 61
- ____ (see Davids, B.) – 2209
- ____ (see Navin, A.) – 5089
- Sherwood, J.N.** (see Avanci, L.H.) – 5426
- Shevchenko, V.I.** (see Medvedev, M.V.) – 5824
- Shi, D.N.** (see Li, Y.Q.) – 3527
- Shi, H.Z.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Shi, Xiangdong; George M. Fuller, and Francis Halzen** – Observing the Birth of Supermassive Black Holes with the Planned ICECUBE Neutrino Detector – 5722
- Shibata, E.I.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Shibata, H.; and T. Yamada** – Double Josephson Plasma Resonance in T^* Phase $\text{SmLa}_{1-x}\text{Sr}_x\text{CuO}_{4-\delta}$ – 3519
- Shibata, Kaoru** (see Sato, Taku J.) – 2364
- Shibata, Naokazu** (see Mutou, Tetsuya) – 4939
- Shibata, S.** (see Sumiyama, A.) – 5213
- Shibata, T.** (see Bhang, H.) – 4321
- Shibata, T.-A.** (see Ackerstaff, K.) – 5519
- Shibata, Tatsuo; and Kunihiro Kaneko** – Collective Chaos – 4116
- Shibatani, K.** (see Ackerstaff, K.) – 5519
- Shibayama, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Shidara, T.** (see Nakajima, N.) – 5229
- Shiga, Keiichiro** (see Ohtsuki, Tsutomu) – 967
- Shigaki, K.** (see Ahle, L.) – 2650
- Shigemasa, E.** (see Pavlychev, A.A.) – 3623
- Shih, C.T.; Y.C. Chen, H.Q. Lin, and T.K. Lee** – d -Wave Pairing Correlation in the Two-Dimensional t - J Model – 1294
- Shimizu, A.** (see Fujisawa, A.) – 2256
- Shimojima, M.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Shimoyama, J.** (see Nessler, W.) – 4480
- Shin, S.** (see Strocov, V.N.) – 4943
- Shin, T.** (see Ackerstaff, K.) – 5519
- Shin, Y.; W. Ahner, R. Barth, P. Beckerle, D. Brill, M. Cieřlak, M. Dębowski, E. Grosse, P. Koczoń, B. Kohlmeyer, M. Mang, D. Miřkowski, C. Müntz, H. Oeschler, F. Pühlhofer, E. Schwab, R. Schicker, P. Senger, J. Speer, H. Ströbele, C. Sturm, K. Völkel, A. Wagner, and W. Waluř (KaoS Collaboration)** – Enhanced Out-of-Plane Emission of K^+ Mesons Observed in Au + Au Collisions at 1A GeV – 1576
- Shinbrot, Troy; and Fernando J. Muzzio** – Reverse Buoyancy in Shaken Granular Beds – 4365
- Shindo, D.** (see Lim, S.-H.) – 5350
- Shinozaki, K.** (see Takeda, M.) – 1163
- Shioden, M.** (see Odaka, S.) – 2428
- Shiozawa, M. et al. (Super-Kamiokande Collaboration)** – Search for Proton Decay via $p \rightarrow e^+ \pi^0$ in a Large Water Cherenkov Detector – 3319
- ____ (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Hatakeyama, S.) – 2016
- Shipsey, I.P.J.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Shirai, J.** (see Fukuda, Y.) – 1562
- ____ (see Odaka, S.) – 2428
- Shiraishi, Kenji** (see Kageshima, Hiroyuki) – 5936
- Shirane, G.** (see Zheludev, A.) – 5410
- Shivpuri, R.** (see Apanasevich, L.) – 2642
- Shivpuri, R.K.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Shklovskii, B.I.** (see Fogler, M.M.) – 4783(E)
- Shkrebtii, A.I.; N. Esser, W. Richter, W.G. Schmidt, F. Bechstedt, B.O. Fimland, A. Kley, and R. Del Sole** – Reflectance Anisotropy of GaAs(100): Theory and Experiment – 721
- Shkunov, Vladimir V.; and Dana Z. Anderson** – Radiation Transfer Model of Self-Trapping Spatially Incoherent Radiation by Nonlinear Media – 2683
- Shlyapnikov, G.V.** (see Kagan, Yu.) – 933
- Shmakov, K.D.** (see Abe, K.) – 942
- Shnirman, M.G.; and E.M. Blanter** – Self-Organized Criticality in a Mixed Hierarchical System – 5445
- Shochet, M.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Shraiman, Boris I.** (see Mydlarski, Laurent) – 4373
- Shreekala, R.** (see Zhao, Y.G.) – 1310
- Shtrikman, H.** (see Eytan, G.) – 1666
- ____ (see Yahel, E.) – 5201
- Shtrikman, Hadas** (see Goldhaber-Gordon, D.) – 5225
- Shukla, S.P.; Y.W. Suen, and M. Shayegan** – Magnetic-Field-Induced Triple-Layer to Bilayer Transition – 693
- ____ (see Jungwirth, T.) – 2328

- ____ (see Lu, J.P.) – 1282
- Shulyatev, D.A.** (see Ghosh, K.) – 4740
- Shumeiko, V.S.** (see Gorelik, L.Y.) – 2538
- Shupe, M.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Shurgalin, M.; A.J. Murray, W.R. MacGillivray, M.C. Standage, D.H. Madison, K.D. Winkler, and I. Bray** – Comparison of Electron-Atom Collision Parameters for *S* to *P* Transitions under Reversal of Energy Transfer – 4604
- Shuryak, E.** (see Rapp, R.) – 53
- ____ (see Stephanov, M.) – 4816
- Shutov, V.** (see Ackerstaff, K.) – 5519
- Shvarts, D.** (see Smalyuk, V.A.) – 5342
- Shvartsburg, Alexandre A.; Martin F. Jarrold, Bei Liu, Zhong-Yi Lu, Cai-Zhuang Wang, and Kai-Ming Ho** – Dissociation Energies of Silicon Clusters: A Depth Gauge for the Global Minimum on the Potential Energy Surface – 4616
- Shvedko, A.G.** (see Grabtchikov, A.S.) – 5808
- Shvets, G.; N.J. Fisch, A. Pukhov, and J. Meyer-ter-Vehn** – Superradiant Amplification of an Ultrashort Laser Pulse in a Plasma by a Counterpropagating Pump – 4879
- Si, Qimiao** – Spin Injection into a Luttinger Liquid – 3191
- ____ and **C.M. Varma** – Metal-Insulator Transition of Disordered Interacting Electrons – 4951
- Šiber, A.; and B. Gumhalter** – Comment on “Quantum Scattering of Heavy Particles from a 10 K Cu(111) Surface” – 1742(C)
- Sibiriak, I.** (see Aggarwal, M.M.) – 4087
- Sides, S.W.; P.A. Rikvold, and M.A. Novotny** – Kinetic Ising Model in an Oscillating Field: Finite-Size Scaling at the Dynamic Phase Transition – 834
- Sidwell, R.A.** (see Aitala, E.M.) – 44
- Siegel, J.** (see Sokolowski-Tinten, K.) – 3679
- Siebert, Martin** – Coarsening Dynamics of Crystalline Thin Films – 5481
- Siegmann, H.C.** (see Back, C.H.) – 3251
- ____ (see Oberli, D.) – 4228
- Siegrist, J.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Siemiarczuk, T.** (see Aggarwal, M.M.) – 4087
- Sievers, A.J.** (see Grant, A.R.) – 3687
- ____ (see Lai, R.) – 1937
- Sigalas, M.M.** (see Lidorikis, E.) – 1405
- Siggia, Eric D.** (see Mydlarski, Laurent) – 4373
- Sigl, Günter** (see Yoshida, Shigeru) – 5505
- Silber, Mary; and Michael R.E. Proctor** – Nonlinear Competition between Small and Large Hexagonal Patterns – 2450
- Silberberg, Y.** (see Eisenberg, H.S.) – 3383
- Sill, A.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Silva, João P.** (see Meca, Carlos C.) – 1377
- Silvera, Isaac F.** (see Pravica, Michael G.) – 4180
- Silvermyr, D.** (see Aggarwal, M.M.) – 4087
- Silvestrelli, P.L.** (see Bernasconi, M.) – 1235
- Silvestri, W.; A.P. Graham, and J.P. Toennies** – Adatom Formation on the Ni(110) Surface – 1034
- Simak, S.I.; A.V. Ruban, I.A. Abrikosov, H.L. Skriver, and B. Johansson** – Ordered Phases in Cu₂NiZn: A First-Principles Monte Carlo Study – 188
- Simani, C.** (see Ackerstaff, K.) – 5519
- Simicevic, N.** (see Bochna, C.) – 4576
- Simmonds, R.W.; A. Loshak, A. Marchenkov, S. Backhaus, S. Pereversev, S. Vitale, J.C. Davis, and R.E. Packard** – dc Supercurrents from Resonant Mixing of Josephson Oscillations in a ³He Weak Link – 1247
- Simmons, C.M.** (see Buttler, W.T.) – 3283
- Simmons, M.Y.** (see Appleyard, N.J.) – 3491
- ____ (see Liang, C.-T.) – 3507
- ____ (see Watts, J.P.) – 4220
- Simon, A.** (see Ackerstaff, K.) – 5519
- Simon, Christoph** (see Weihs, Gregor) – 5039
- Simón, Joan** (see Brandt, Friedemann) – 1770
- Simon, M.** (see Miron, C.) – 4104
- Simons, B.D.** (see Brouwer, P.W.) – 862
- Simopoulos, C.** (see Abe, K.) – 942
- Simpson, W.C.** (see Wang, W.K.) – 1465
- Sinervo, P.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Sinev, N.B.** (see Abe, K.) – 942
- ____ (see Adams, G.S.) – 5760
- Singer, K.E.** (see Bastian, G.) – 1686
- Singer, Paul** (see Huitu, Katri) – 4313
- Singh, D.J.** (see Pickett, W.E.) – 3802(C)
- Singh, H.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Singh, J.B.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Singh, P.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Singh, R.R.P.** (see Putikka, W.O.) – 2966
- Singh, Rajiv R.P.; and Norbert Elstner** – Quantum Phase Transitions in the Triangular-Lattice Bilayer Heisenberg Model – 4732
- ____ (see Pati, Swapan K.) – 5406
- Singleton, J.** (see Ardavan, A.) – 713
- Singleton, John** (see Yaguchi, Hiroshi) – 5193
- Sinha, B.C.** (see Aggarwal, M.M.) – 4087
- Sinha, S.K.** (see Osborn, R.) – 3964
- ____ (see Tolan, M.) – 2731
- Sinha, Somdatta** (see Parekh, Nita) – 1401
- Sinha, Sudeshna; and William L. Ditto** – Dynamics Based Computation – 2156
- Sinkovic, B.** (see Tjeng, L.H.) – 734(C)
- Sinnott, Susan B.** (see Garg, Ajay) – 2260
- Sinram, K.** (see Ackerstaff, K.) – 5519

AUTHOR INDEX

- Sinzig, J.; L.J. de Jongh, A. Ceriotti, R. della Pergola, G. Longoni, M. Stener, K. Albert, and N. Rösch** – Molecular Magnetic Quantum Dots in Multivalent Metal Cluster Compounds – 3211
- Sipser, Michael** (see Farhi, Edward) – 5442
- Sirlin, Alberto** (see Kniehl, Bernd A.) – 1373
- Sirotenko, V.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Sivers, D.W.** (see Blinov, B.B.) – 2906
- Sivertz, M.** (see Alam, M.S.) – 3328
- Sizmann, A.** (see Schmitt, S.) – 2446
 ____ (see Spälter, S.) – 786
- Sjodin, Theodore; Hrvoje Petek, and Hai-Lung Dai** – Ultrafast Carrier Dynamics in Silicon: A Two-Color Transient Reflection Grating Study on a (111) Surface – 5664
- Skeldon, K.D.** (see Heinzl, G.) – 5493
- Skibowski, M.** (see Gawlik, K.-U.) – 1536(C)
- Skiff, F.; S. De Souza-Machado, W.A. Noonan, A. Case, and T.N. Good** – Linear Kinetic Modes in Weakly Collisional Plasma – 5820
- Skolnick, M.S.** (see Baumberg, J.J.) – 661
- Skow, D.** (see Apanasevich, L.) – 2642
- Skriver, H.L.** (see Simak, S.I.) – 188
- Skryabin, Dmitry V.; and William J. Firth** – Modulational Instability of Solitary Waves in Nondegenerate Three-Wave Mixing: The Role of Phase Symmetries – 3379
- Skubic, P.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Skwarnicki, T.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Slattery, P.** (see Apanasevich, L.) – 2642
- Slaughter, A.J.** (see Aitala, E.M.) – 44
- Slavich, P.** (see Ackerstaff, K.) – 5519
- Slavin, A.N.** (see Bauer, M.) – 3769
 ____ (see Mathieu, C.) – 3968
- Slavine, N.** (see Aggarwal, M.M.) – 4087
- Slichter, C.P.** (see Haase, J.) – 1489
- Sliwa, K.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Smalley, D.** (see Frattini, S.) – 2659
- Smalley, M.V.** (see Swenson, J.) – 5840
- Smalley, Richard E.** (see Cobden, David H.) – 681
- Smalyuk, V.** (see Watt, R.G.) – 4644
- Smalyuk, V.A.; T.R. Boehly, D.K. Bradley, V.N. Goncharov, J.A. Delettrez, J.P. Knauer, D.D. Meyerhofer, D. Oron, and D. Shvarts** – Saturation of the Rayleigh-Taylor Growth of Broad-Bandwidth Laser-Imposed Nonuniformities in Planar Targets – 5342
- Smart, W.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Šmilauer, Pavel; Kazuki Mizushima, and Dimitri D. Vvedensky** – Activated Si-H Exchange at Si-Island Edges on Si(001) – 5600
 ____ (see Voigtländer, Bert) – 858
- Smirnov, A.Yu.** (see Akhmedov, E. Kh.) – 1359
- Smith, A.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Smith, A.G.** (see Frattini, S.) – 2659
- Smith, C.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Smith, C.G.** (see Liang, C.-T.) – 3507
- Smith, D.** (see Athanassopoulos, C.) – 1774
- Smith, E.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Smith, Edward T.; Al-Amin Dhirani, David A. Kokorowski, Richard A. Rubenstein, Tony D. Roberts, Huan Yao, and David E. Pritchard** – Velocity Rephased Longitudinal Momentum Coherences with Differentially Detuned Separated Oscillatory Fields – 1996
- Smith, H.** (see Kavoulakis, G.M.) – 4036
- Smith, H.J.T.** (see Baker, Gregory L.) – 554
- Smith, J.A.** (see Adams, G.S.) – 5760
- Smith, J.G.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Smith, J.L.** (see Gorny, K.R.) – 2340
- Smith, M.A.** (see Mohideen, U.) – 349
- Smith, P.A.I.** (see Dempsey, N.M.) – 5652
- Smith, P.T.** (see Adams, G.S.) – 5760
- Smith, R.** (see Carroll, S.J.) – 3715
- Smith, R.P.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Smith, S.R.** (see Abe, K.) – 942
- Smith, Stefan G. Llewellyn; and Sarah T. Gille** – Probability Density Functions of Large-Scale Turbulence in the Ocean – 5249
- Smith, T.B.** (see Drake, R.P.) – 2068
- Smith, W.H.** (see Kim, J.H.) – 3595
- Smolyakov, A.I.; and I. Khabibrakhmanov** – Nonlinear Diffusion of the Magnetic Field in Weakly Ionized Plasmas – 4871
- Smrčka, L.** (see Jungwirth, T.) – 2328
- Smulders, P.J.M.** (see Breese, M.B.H.) – 5157
- Smy, M.** (see Fukuda, Y.) – 1562
- Smy, M.B.** (see Abe, K.) – 942
- Snadden, M.J.; J.M. McGuirk, P. Bouyer, K.G. Haritos, and M.A. Kasevich** – Measurement of the Earth's Gravity Gradient with an Atom Interferometer-Based Gravity Gradiometer – 971
- Sneppen, Kim** (see Bornholdt, Stefan) – 236
 ____ (see Christensen, Kim) – 2380
- Snider, F.D.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Snihur, R.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Snover, K.A.** (see Kusnezov, Dimitri) – 542
- Snow, G.R.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524

- Snow, J.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Snyder, A. W.** (see Akhmediev, Nail) – 4632
- Snyder, J. A.** (see Abe, K.) – 942
- Snyder, S.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Sobel, H. W.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Söderström, K.** (see Aggarwal, M. M.) – 4087
- Södervall, U.** (see Bösker, G.) – 3443
- Soejima, K.** (see Pavlychev, A. A.) – 3623
- Soff, S.** (see Bass, S. A.) – 4092
- Soffer, A.** (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Sokol, P. E.** (see Brown, D. W.) – 1019
 ____ (see Dimeo, R. M.) – 5860
- Sokoloff, M. D.** (see Aitala, E. M.) – 44
- Sokolov, A. V.** (see Harris, S. E.) – 2894
- Sokolov, J.** (see Colby, R. H.) – 3876
 ____ (see Tolan, M.) – 2731
- Sokolowski-Tinten, K.; J. Bialkowski, A. Cavalleri, D. von der Linde, A. Oparin, J. Meyer-ter-Vehn, and S. I. Anisimov** – Transient States of Matter during Short Pulse Laser Ablation – 224
- ____ **J. Solis, J. Bialkowski, J. Siegel, C. N. Afonso, and D. von der Linde** – Dynamics of Ultrafast Phase Changes in Amorphous GeSb Films – 3679
- Soler, J.** (see Bonilla, L. L.) – 3643
- Soler, J. M.** (see Garzón, I. L.) – 1600
- Soler, José M.** (see Rodríguez de la Fuente, Oscar) – 3159
- Solis, J.** (see Sokolowski-Tinten, K.) – 3679
- Soljačić, Marin; Suzanne Sears, and Mordechai Segev** – Self-Trapping of “Necklace” Beams in Self-Focusing Kerr Media – 4851
- Solomey, N.** (see Aggarwal, M. M.) – 4087
- Solomon, J.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Solov'yev, I.** (see Fang, Z.) – 1027
- Solov'yov, Andrey V.** (see Gerchikov, Leonid G.) – 2707
- Sols, F.** (see Leggett, A. J.) – 1344(C)
- Soltz, R.** (see Ahle, L.) – 2650
- Somaroo, S. S.** (see Cory, D. G.) – 2152
- Somerton, M.** (see Donovan, K. J.) – 3731
- Sommer, Jens-Uwe** (see Stepanow, Semjon) – 4412
- Sommerfeld, P. K. H.** (see Valkering, A. M. C.) – 5398
- Song, H. Q.; M. Baldo, G. Giansiracusa, and U. Lombardo** – Bethe-Brueckner-Goldstone Expansion in Nuclear Matter – 1584
- Song, X. F.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Soni, Amarjit** (see Atwood, David) – 3324
- Sonin, E. B.** – Sonin Replies – 3552(C)
 – Comment on “Berry’s Phase and the Magnus Force for a Vortex Line in a Superconductor,” “Transverse Force on a Quantized Vortex in a Superfluid,” and “Magnus and Iordanskii Forces in Superfluids” – 4276(C)
- Sonzogni, A.** (see Rehm, K. E.) – 3341
- Sonzogni, A. A.** (see Lestone, J. P.) – 4776(C)
- Soper, D. E.** (see Hautmann, F.) – 3333
- Soper, Davison E.** – QCD Calculations by Numerical Integration – 2638
- Sorella, Sandro** (see Calandra, Matteo) – 5185
- Sørensen, S. P.** (see Aggarwal, M. M.) – 4087
- Sorge, H.** (see van Hecke, H.) – 5764
- Sorlin, O.** (see Grzywacz, R.) – 766
 ____ (see Longour, C.) – 3337
- Sorrell, L.** (see Apanasevich, L.) – 2642
- Sosa, M.** (see Reyes, M. A.) – 4079
- Sosebee, M.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Sotiropoulos, Michael G.** (see Akhoury, Ratindranath) – 3819
- Sotnikova, N.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Souda, R.; E. Asari, T. Suzuki, T. Tanaka, and T. Aizawa** – *In Situ* Observation of Charge Exchange and Surface Segregation of Hydrogen during Low Energy H^+ and H_2^+ Scattering from Semiconductor Surfaces – 465
 ____ (see Kawanowa, H.) – 2264
- Soukiassian, P.** (see Derycke, V.) – 5868
- Soukoulis, C. M.** (see Lidorikis, E.) – 1405
- Souma, N.** (see Takeda, M.) – 1163
- Sourkont, K. V.** (see Blinov, B. B.) – 2906
- Southworth, S. H.** (see Jung, M.) – 1596
- Souza, Ivo; and Richard M. Martin** – Polarization and Strong Infrared Activity in Compressed Solid Hydrogen – 4452
- Souza, M.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Souza, M. H. G.** (see Alves, G. A.) – 1537(E)
- Sözüer, L.** (see Bock, A.) – 534
- Spadafora, A. L.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Spagnoli, S.** (see Donovan, K. J.) – 3731
- Spalding, J.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Spalding, W. J.** (see Alves, G. A.) – 1537(E)
- Spälter, S.; N. Korolkova, F. König, A. Sizmann, and G. Leuchs** – Observation of Multimode Quantum Correlations in Fiber Optical Solitons – 786
- Spaltro, C. M.; Th. S. Bauer, H. P. Blok, T. Botto, E. Cisbani, R. De Leo, G. E. Dodge, R. Ent, S. Frullani, F. Garibaldi, W. Glöckle, J. Golak, M. N. Harakeh, M. Iodice, E. Jans, H. Kamada, W. J. Kasdorp, C. Kormanyos, L. Lapikás, A. Misiejuk, S. I. Nagorny, G. J. Nooren, C. J. G. Onderwater, R. Perrino, M. J. M. van Sambeek, R. Starink, G. van der Steenhoven, J. Tjon, M. A. van Uden, G. M. Urciuoli, H. de Vries, J. Witala, and D. M. Yeomans** – q and p_m Dependence of the $^3\text{He}(e, e'd)p$ Reaction – 2870
- Sparn, G.** (see Gegenwart, P.) – 1501
- Spavieri, Gianfranco** – Comment on “Quantum Phase of a Moving Dipole” – 1533(C)
- Speer, J.** (see Shin, Y.) – 1576
- Speer, T.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754

AUTHOR INDEX

- Spellmeyer, Neal** (see Haggerty, M.R.) – 1592
- Spencer, M.B.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Spengos, M.** (see Ackerstaff, K.) – 5519
- Spentzouris, P.** (see Kim, J.H.) – 3595
- Sperduto, M.L.** (see Ajaka, J.) – 1797
- Sperisen, F.** (see Blinov, B.B.) – 2906
- ____ (see Meyer, H.O.) – 3096
- Sphicas, P.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Spiegel, L.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Spielberger, L.** (see Dörner, R.) – 5776
- Spieles, C.** (see Bass, S.A.) – 4092
- Spielman, R.B.** (see Deeney, C.) – 4883
- Spieß, H.W.** (see Tracht, U.) – 2727
- Spigler, R.** (see Acebrón, J.A.) – 2229
- Spinella, F.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Spiropulu, M.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Sprik, Michiel** (see Ikeda, Takashi) – 4416
- Squires, Arthur M.** (see Thomas, Benku) – 574
- Sreenivasan, K.R.** (see Arad, Itai) – 5330
- Srivastava, P.** (see Bovensiepen, U.) – 2368
- Stachyra, A.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Stachyra, A.L.** (see Fukuda, Y.) – 1562
- Stadler, J.** (see Mikulla, R.) – 3163
- Staeck, J.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Staengle, H.** (see Abe, K.) – 942
- Stahl, A.** (see Abe, K.) – 942
- ____ (see Bartels, G.) – 5880
- Staliunas, K.** – Three-Dimensional Turing Structures and Spatial Solitons in Optical Parametric Oscillators – 81
- ____ (see Taranenko, V.B.) – 2236
- Stamer, P.** (see Abe, K.) – 942
- Stamm, R.** (see Godbert-Mouret, L.) – 5568
- Stamper-Kurn, D.M.; H.-J. Miesner, S. Inouye, M.R. Andrews, and W. Ketterle** – Collisionless and Hydrodynamic Excitations of a Bose-Einstein Condensate – 500
- ____ **H.-J. Miesner, A.P. Chikkatur, S. Inouye, J. Stenger, and W. Ketterle** – Reversible Formation of a Bose-Einstein Condensate – 2194
- Stanco, L.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Stancu, I.** (see Athanassopoulos, C.) – 1774
- Standage, M.C.** (see Shurgalin, M.) – 4604
- Standifird, J.** (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Stankus, P.** (see Aggarwal, M.M.) – 4087
- Stanley, H.E.** (see Andrade, J.S., Jr.) – 926
- Stanley, H. Eugene** (see Amaral, Luís A. Nunes) – 2388
- ____ (see Lee, Youngki) – 3275
- ____ (see Sadr-Lahijany, M. Reza) – 4895
- Stanton, N.R.** (see Aitala, E.M.) – 44
- Stapelheldt, H.** (see Sakai, Hirofumi) – 2217
- Starace, Anthony F.** (see Milošević, Dejan B.) – 5097
- Starink, R.** (see Onderwater, C.J.G.) – 2213
- ____ (see Spaltro, C.M.) – 2870
- Stark, H.** (see Englert, J.) – 1457
- Starnberg, H.I.** (see Strocov, V.N.) – 4943
- Start, D.F.H.** (see Eriksson, L.-G.) – 1231
- Startseva, T.** (see Puchkov, A.V.) – 2747
- Steadman, S.G.** (see Ahle, L.) – 2650
- Steck, D.A.** (see Klappauf, B.G.) – 1203
- ____ (see Klappauf, B.G.) – 4044
- Steck, M.** (see Seelig, P.) – 4824
- Stecker, F.W.** – Stecker Replies – 3296(C)
- Steel, D.G.** (see Bonadeo, N.H.) – 2759
- Steele, J.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Steele, James V.; and Volker Koch** – Lifetime of a Disoriented Chiral Condensate – 4096
- Steenbakkers, M.** (see Onderwater, C.J.G.) – 2213
- Stefanek, G.** (see Aggarwal, M.M.) – 4087
- Stefanini, A.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748

- ____ (see Abe, F.) – 5754
- Stefanou, N.** (see Mavropoulos, Ph.) – 1505
- Stefanov, Boris B.; Alejandra B. Gurevich, Marcus K. Weldon, Krishnan Raghavachari, and Yves J. Chabal** – Silicon Epoxide: Unexpected Intermediate during Silicon Oxide Formation – 3908
- Steffens, E.** (see Ackerstaff, K.) – 5519
- Stegemeyer, H.** (see Holyst, Robert) – 5848
- Steglich, F.** (see Gegenwart, P.) – 1501
- ____ (see Kromer, F.) – 4476
- ____ (see Winkelmann, H.) – 4947
- Steidl, M.** (see Armbruster, B.) – 520
- Steijger, J. J. M.** (see Onderwater, C. J. G.) – 2213
- Steinbach, J.; and C. C. Gerry** – Efficient Scheme for the Deterministic Maximal Entanglement of N Trapped Ions – 5528
- Steinberg, P.** (see Aggarwal, M. M.) – 4087
- Steinberg, Victor** (see Rinberg, Dmitry) – 5812
- Steinbock, O.; A. Lange, and I. Rehberg** – Density Oscillator: Analysis of Flow Dynamics and Stability – 798
- Steinbrück, G.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Steiner, H.** (see Abe, K.) – 942
- Steiner, M.** (see Davids, B.) – 2209
- ____ (see Navin, A.) – 5089
- Steiner, R.** (see Abe, K.) – 942
- Steiner, Richard L.** (see Williams, Edwin R.) – 2404
- Stener, M.** (see Sinzig, J.) – 3211
- Stenger, J.** (see Ackerstaff, K.) – 5519
- ____ (see Stamper-Kurn, D. M.) – 2194
- Stenger, V.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Stenger, V. J.** (see Fukuda, Y.) – 1562
- Stenlund, E.** (see Aggarwal, M. M.) – 4087
- Stenson, K.** (see Aitala, E. M.) – 44
- Stenzel, R. L.; and J. M. Urrutia** – Generation of dc Magnetic Fields by Rectifying Nonlinear Whistlers – 2064
- Stepanow, Semjon; Jens-Uwe Sommer, and Igor Ya. Erukhimovich** – Localization Transition of Random Copolymers at Interfaces – 4412
- Stepanyan, S.** (see Niculescu, G.) – 1805
- Stephan, W.** (see Neudert, R.) – 657
- Stephanov, M.; K. Rajagopal, and E. Shuryak** – Signatures of the Tricritical Point in QCD – 4816
- Stephans, G. S. F.** (see Ahle, L.) – 2650
- Stephens, F. S.** (see Isaac, M. C. Perillo) – 2416
- Stephens, R. W.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Stephenson, G. B.** (see Malik, A.) – 5832
- Sterman, George** (see Akhoury, Ratindranath) – 3819
- ____ (see Oderda, Gianluca) – 3591
- Stern, Ady** (see Aharonov, Yakir) – 2190
- ____ (see Ussishkin, Iddo) – 3932
- Stern, E. G.** (see Kim, J. H.) – 3595
- Stern, R.** (see Haase, J.) – 1489
- Stevenson, M. L.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Stewart, D.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Stewart, D. R.** (see Patel, S. R.) – 5900
- Stewart, G. R.** (see Kromer, F.) – 4476
- Stewart, J.** (see Ackerstaff, K.) – 5519
- Stichelbaut, F.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Stienike, D. L.** (see Adams, G. S.) – 5760
- Still, C. H.** (see Young, P. E.) – 1425
- Stipe, B. C.; M. A. Rezaei, and W. Ho** – Coupling of Vibrational Excitation to the Rotational Motion of a Single Adsorbed Molecule – 1263
- Stirling, W. G.** (see Dimeo, R. M.) – 5860
- Stockdale, R.** (see Whyte, D. G.) – 4392
- Stöcker, H.** (see Bass, S. A.) – 4092
- ____ (see Gerland, L.) – 762
- Stöckl, J.** (see Lemell, C.) – 1965
- Stöckli, M.** (see Abdallah, M. A.) – 3627
- Stöckli, Thomas** (see Bonard, Jean-Marc) – 1441
- Stockman, Mark I.** (see Evans, John R.) – 4624
- Stocks, G. M.** (see Faulkner, J. S.) – 1905
- Stoesslein, U.** (see Ackerstaff, K.) – 5519
- Stokbro, K.** (see Hansen, O.) – 5572
- Stoker, D.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Stoldt, C. R.; A. M. Cadilhe, C. J. Jenks, J.-M. Wen, J. W. Evans, and P. A. Thiel** – Evolution of Far-From-Equilibrium Nanostructures Formed by Cluster-Step and Cluster-Cluster Coalescence in Metal Films – 2950
- Stoler, P.** (see Bochna, C.) – 4576
- ____ (see Niculescu, G.) – 1805
- Stolin, V.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Stoll, O. M.; S. Kaiser, R. P. Huebener, and M. Naito** – Intrinsic Flux-Flow Resistance Steps in the Cuprate Superconductor $\text{Nd}_{2-x}\text{Ce}_x\text{CuO}_y$ – 2994
- Stolwijk, N. A.** (see Bösker, G.) – 3443
- Stone, A. D.** (see Patel, S. R.) – 5900
- Stone, J. L.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Stone, S.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Stoner, R. E.** (see Tseng, C. H.) – 3785
- Stoop, H.** – Stoop Replies – 3047(C)
- Stoughton, C.** (see Alves, G. A.) – 1537(E)
- Stoyanova, D. A.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Strain, K. A.** (see Heinzel, G.) – 5493
- Strangeway, R. J.** (see Ergun, R. E.) – 826
- Strasik, M.** (see Wei, J. Y. T.) – 2542
- Strasser, G.** (see Rauch, C.) – 3495
- Stratmann, M.** (see de Florian, D.) – 530
- Straub, G.** (see Fast, Lars) – 2978
- Strauss, M.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Strauss, M. G.** (see Abe, K.) – 942
- Streetman, M. E.** (see Alves, G. A.) – 1537(E)
- Streets, K.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Streitmatter, R.** (see Matsunaga, H.) – 4052
- Strikman, M.** (see Gerland, L.) – 762
- Striley, D.** (see Apanasevich, L.) – 2642
- Stringari, S.** (see Matthews, M. R.) – 243
- ____ (see Pitaevskii, L.) – 4541
- Stringari, Sandro** (see Zambelli, Francesca) – 1754
- Ströbele, H.** (see Shin, Y.) – 1576
- Strocov, V. N.; R. Claessen, G. Nicolay, S. Hufner, A. Kimura, A. Harasawa, S. Shin, A. Kakizaki, P. O. Nilsson, H. I. Starnberg, and P. Blaha** – Absolute Band Mapping by Combined Angle-Dependent Very-Low-Energy Electron Diffraction and Photoemission: Application to Cu – 4943

AUTHOR INDEX

- Strohm, T.; V.I. Belitsky, V.G. Hadjiev, and M. Cardona** – Comment on “Raman Scattering Study on Fully Oxygenated YBa₂Cu₃O₇ Single Crystals: x -y Anisotropy in the Superconductivity-Induced Effects” – 2180(C)
- Ströhmer, R.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Strologas, J.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Strömquist, Johan** (see Bogicevic, Alexander) – 637
- Strossman, W.** (see Athanassopoulos, C.) – 1774
- Stroth, J.** (see Balestra, F.) – 4572
- Stroud, C.R., Jr.** (see de Araujo, Luís E.E.) – 955
- Strovink, M.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Stroynowski, R.** (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Struchtrup, Henning; and Wolf Weiss** – Struchtrup and Weiss Reply – 5701(C)
- Strumia, F.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Strunk, C.; M. Henny, C. Schönenberger, G. Neuttiens, and C. Van Haesendonck** – Size Dependent Thermopower in Mesoscopic AuFe Wires – 2982
- Struve, K.W.** (see Deeney, C.) – 4883
- Strzhemechny, Y.** (see Colby, R.H.) – 3876
- Stuart, D.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Stubbe, P.** (see Frolov, V.L.) – 1630
- Stuhler, N.** (see Nowak, S.) – 5792
- Stuhr, U.; H. Wipf, K.H. Andersen, and H. Hahn** – Low-Frequency Modes in Nanocrystalline Pd – 1449
- Stüken, D.** (see Aggarwal, M.M.) – 4087
- Stumm, O.** (see Armbruster, B.) – 520
- Stumpf, R.** (see Lizzit, S.) – 3271
- Stunault, A.** (see Bernhoeft, N.) – 3419
- Sturm, C.** (see Shin, Y.) – 1576
- Su, D.** (see Abe, K.) – 942
- Su, Zhao-Bin** (see Dai, Xi) – 2136
- Subramanian, Kandaswamy; and John D. Barrow** – Microwave Background Signals from Tangled Magnetic Fields – 3575
- Succi, S.** (see Karlin, Iliya V.) – 6
- Suckewer, S.** (see Korobkin, D.) – 1607
- Suda, T.** (see Hatakeyama, S.) – 2016
- Sudov, A.** (see Ajaka, J.) – 1797
- Sudzius, M.** (see Holfeld, C.P.) – 874
- Suekane, F.** (see Abe, K.) – 942
- Suemoto, T.** (see Tomimoto, S.) – 417
- Suen, Y.W.** (see Shukla, S.P.) – 693
- Sugar, R.** (see Bernard, C.) – 4812
 ____ (see Bernard, Claude) – 3087
- Sugimoto, Hidehiko** (see Ikeda, Susumu) – 5449
- Sugiyama, A.** (see Abe, K.) – 942
- Suh, B.J.; P.C. Hammel, Y. Yoshinari, J.D. Thompson, J.L. Sarrao, and Z. Fisk** – Suppression of Antiferromagnetic Order by Light Hole Doping in La₂Cu_{1-x}Li_xO₄: A ¹³⁹La NQR Study – 2791
- Sukenik, C.I.; D. Hoffmann, S. Bali, and T. Walker** – Low Saturation Intensities in Two-Photon Ultracold Collisions – 782
- Suki, B.** (see Andrade, J.S., Jr.) – 926
- Sulak, L.R.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Sulanke, T.** (see Adams, G.S.) – 5760
- Suleiman, R.** (see Bochna, C.) – 4576
- Sullivan, G.W.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Sumbera, M.** (see Aggarwal, M.M.) – 4087
- Sumiyama, A.; S. Shibata, Y. Oda, N. Kimura, E. Yamamoto, Y. Haga, and Y. Onuki** – Anisotropy of the Josephson Critical Current between UPt₃ and Nb – 5213
- Sumiyoshi, T.** (see Odaka, S.) – 2428
- Summers, D.J.** (see Aitala, E.M.) – 44
 ____ (see Alves, G.A.) – 1537(E)
- Summy, G.S.** (see Featonby, P.D.) – 495
- Sumorok, K.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Sun, F.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Sun, H.S.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Sundaresan, S.** (see Glasser, B.J.) – 1849
- Sung, M.** (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Suoknuuti, J.K.** (see Anghel, D.V.) – 2958
- Suraud, E.** (see Doms, A.) – 5524
- Sushkov, O.P.; and V.N. Kotov** – Bound States of Magnons in the $S = 1/2$ Quantum Spin Ladder – 1941
- Sutcliffe, P.M.** (see Battye, Richard A.) – 4798
- Suter, L.J.** (see Drake, R.P.) – 2068
 ____ (see Murphy, T.J.) – 108

- Sutmann, G.** (see Bertolini, D.) – 2080
- Sutter, M.** (see Ackerstaff, K.) – 5519
- Sutter, P.; and M.G. Lagally** – Embedding of Nanoscale 3D SiGe Islands in a Si Matrix – 3471
- Sutton, A.P.** (see Valladares, Alexander) – 4903
- Sutton, C.S.** (see Mardor, I.) – 5085
- Sutton, M.** (see Malik, A.) – 5832
- Suzanne, Jean** (see Giordano, Livia) – 1271
- Suzuki, A.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Hatakeyama, S.) – 2016
- ____ (see Shiozawa, M.) – 3319
- Suzuki, A.T.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Hatakeyama, S.) – 2016
- ____ (see Shiozawa, M.) – 3319
- Suzuki, H.** (see Orihara, H.) – 3607
- Suzuki, J.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- ____ (see Hatakeyama, S.) – 2016
- ____ (see Matsunaga, H.) – 4052
- Suzuki, Minoru; Takao Watanabe, and Azusa Matsuda** – Josephson Current and Dissipation of the *c*-Axis Transport in Magnetic Fields in $\text{Bi}_2\text{Sr}_2\text{CaCu}_2\text{O}_{8+\delta}$ – 4248
- Suzuki, S.** (see Abe, K.) – 942
- Suzuki, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- ____ (see Hatakeyama, S.) – 2016
- ____ (see Orihara, H.) – 3607
- ____ (see Souda, R.) – 465
- Suzuki, Y.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Hatakeyama, S.) – 2016
- ____ (see Nakajima, N.) – 5229
- ____ (see Shiozawa, M.) – 3319
- Svedlindh, P.** (see Jonsson, T.) – 3976
- Svensmark, Henrik** – Influence of Cosmic Rays on Earth's Climate – 5027
- Svensson, T.** (see Aggarwal, M.M.) – 4087
- Svistunov, Boris V.** (see Göppert, Georg) – 2324
- ____ (see Prokof'ev, Nikolai V.) – 2514
- Svoboda, R.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Swartz, M.** (see Abe, K.) – 942
- Swartzentruber, B.S.** (see Hannon, J.B.) – 5474(C)
- ____ (see Qin, X.R.) – 2288
- Swenson, J.; M.V. Smalley, and H.L.M. Hatharasinghe** – Mechanism and Strength of Polymer Bridging Flocculation – 5840
- Swift, J.B.** (see de Bruyn, John R.) – 1421
- Swift, M.R.** (see Newman, T.J.) – 5472(C)
- Swift, Michael R.** (see Cornell, Stephen J.) – 1142
- Swinnen, B.** (see Demuynck, S.) – 2562
- Swinney, Harry L.** (see de Bruyn, John R.) – 1421
- Switkes, M.** (see Huibers, A.G.) – 200
- Syassen, K.** (see Schwarz, U.) – 2711
- Synakowski, E.J.** (see Bell, R.E.) – 1429
- Szalai, L.** (see Donkó, Z.) – 1622
- Szerypo, J.** (see Grzywacz, R.) – 766
- Sznajder, A.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Szumilo, A.** (see Abe, K.) – 942
- Szuskiewicz, W.** (see Dietl, T.) – 1535(C)
- Tabak, Max** (see Liang, Edison P.) – 4887
- Tadevosian, V.** (see Niculescu, G.) – 1805
- Taegar, S.A.** (see Adams, G.S.) – 5760
- Taguchi, Y.** (see Okuda, T.) – 3203
- Taieb, Richard; Valérie Vénard, and Alfred Maquet** – Signature of Relativistic Effects in Atom-Laser Interactions at Ultrahigh Intensities – 2882
- Taillades, G.** (see Foret, M.) – 2100
- Taiuti, M.** (see Ajaka, J.) – 1797
- Tajima, S.** (see Limonov, M.F.) – 2181(C)
- Tajima, Setsuko** (see Pasler, Volker) – 1094
- Tajima, Y.** (see Orihara, H.) – 3607
- Takach, S.** (see Aitala, E.M.) – 44
- Takach, S.F.** (see Alves, G.A.) – 1537(E)
- Takada, S.** (see Portman, J.J.) – 5237
- Takada, Y.** (see Koizumi, H.) – 3803(C)
- ____ (see Odaka, S.) – 2428
- Takagi, S.** (see Fujisawa, A.) – 2256
- Takahashi, C.** (see Fujisawa, A.) – 2256
- Takahashi, H.** (see Nagata, T.) – 1090
- Takahashi, S.** (see Mitani, S.) – 2799
- Takahashi, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- ____ (see Abe, K.) – 942
- ____ (see Bhang, H.) – 4321
- Takahata, M.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Takakura, Hiroyuki** (see Sato, Taku J.) – 2364
- Takamoto, D.Y.** (see Lipp, M.M.) – 1650
- Takamura, S.** (see Ohno, N.) – 818
- Takanashi, K.** (see Mitani, S.) – 2799
- Takano, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742

AUTHOR INDEX

- ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Takaoka, S.; K. Oto, S. Uno, K. Murase, F. Nihey, and K. Nakamura** – Edge States in the Fractional Quantum Hall Effect Regime Investigated by Magnetocapacitance – 4700
- Takasaki, F.** (see Odaka, S.) – 2428
- Takashima, R.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Takayanagi, Kunio** (see Yokoyama, Takashi) – 3423
- Takeda, J.** (see Tomimoto, S.) – 417
- Takeda, M.; N. Hayashida, K. Honda, N. Inoue, K. Kadota, F. Kakimoto, K. Kamata, S. Kawaguchi, Y. Kawasaki, N. Kawasumi, H. Kitamura, E. Kusano, Y. Matsubara, K. Murakami, M. Nagano, D. Nishikawa, H. Ohoka, N. Sakaki, M. Sasaki, K. Shinozaki, N. Souma, M. Teshima, R. Torii, I. Tsushima, Y. Uchihori, T. Yamamoto, S. Yoshida, and H. Yoshii** – Extension of the Cosmic-Ray Energy Spectrum beyond the Predicted Greisen-Zatsepin-Kuz'min Cutoff – 1163
- Takekoshi, T.; B.M. Patterson, and R.J. Knize** – Observation of Optically Trapped Cold Cesium Molecules – 5105
- Takemori, D.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Takemura, K.** (see Schwarz, U.) – 2711
 ____ (see Yoshida, Z.) – 2458
- Takeuchi, Y.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
- Takigawa, N.** (see Ueda, M.) – 1809
- Takikawa, K.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Takita, M.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Odaka, S.) – 2428
 ____ (see Shiozawa, M.) – 3319
- Takizawa, S.** (see Yoshida, Z.) – 2458
- Taleb-Ibrahimi, A.** (see Zwick, F.) – 1058
- Talin, B.** (see Godbert-Mouret, L.) – 5568
- Tallini, H.** (see Ackerstaff, K.) – 5519
- Talstra, J.C.** (see Abanov, A.G.) – 2112
- Tamarat, Ph.** (see Brunel, Ch.) – 2679
- Tamasaku, K.** (see Ino, A.) – 2124
- Tamburello, P.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Tamburini, Fabrizio** (see Bassett, Bruce A.) – 2630
- Tamegai, T.** (see Fuchs, D.T.) – 3944
- Tamura, N.** (see Odaka, S.) – 2428
- Tan, M.-L.; and I. Goldhirsch** – Rapid Granular Flows as Mesoscopic Systems – 3022
- Tanaka, Akihiro; and Masahiko Machida** – Comment on “Localization and Metal-Insulator Transition in Multilayered Quantum Hall Structures” – 1746(C)
- Tanaka, H.** (see Ikehata, T.) – 1853
- Tanaka, Hajime; and Takeaki Araki** – Spontaneous Double Phase Separation Induced by Rapid Hydrodynamic Coarsening in Two-Dimensional Fluid Mixtures – 389
- Tanaka, Hiroshi; and Masaki Itoh** – *Ab Initio* Calculation of the Hall Conductivity: Positive Hall Coefficient of Liquid Fe – 3727
- Tanaka, K.** (see Fujisawa, A.) – 2256
 ____ (see Matsunaga, H.) – 4052
- Tanaka, M.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Mardor, I.) – 5085
 ____ (see Murakami, Y.) – 582
- Tanaka, P.L.** (see Nolan, P.D.) – 3179
- Tanaka, T.** (see Souda, R.) – 465
- Tančić, A.R.** (see Lalović, D.I.) – 1223
- Tang, Jay X.** (see Lyubartsev, Alexander P.) – 5465
- Tang, L.** (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
- Tang, Lei-Han** (see Chaté, Hugues) – 5471(C)
- Tang, S.Q.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Tang, X.-P.; Ralf Busch, William L. Johnson, and Y. Wu** – Slow Atomic Motion in Zr-Ti-Cu-Ni-Be Metallic Glasses Studied by NMR – 5358
- Tani, A.** (see Bertolini, D.) – 2080
- Tanimori, T.** (see Hatakeyama, S.) – 2016
- Tannenbaum, B.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Tannenbaum, M.J.** (see Ahle, L.) – 2650
- Tantillo, D.J.** (see Chow, D.S.) – 3984
- Tanusheva, Victoria M.** (see Libbrecht, Kenneth G.) – 176
- Taouil, I.; A. Lahmam-Bennani, A. Duguet, and L. Avaldi** – Fully Determined ($e, 3e$) Experiments for the Double Ionization of Helium – 4600
- Taracón, A.** (see Bimonte, G.) – 750
- Taranenko, V.B.; K. Staliunas, and C.O. Weiss** – Pattern Formation and Localized Structures in Degenerate Optical Parametric Mixing – 2236
- Tarazi, J.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Tarlie, Martin B.; and K.R. Elder** – Metastable State Selection in One-Dimensional Systems with a Time-Ramped Control Parameter – 18
- Taroian, S.** (see Ackerstaff, K.) – 5519
- Tarrach, R.** (see Latorre, J.I.) – 1351
- Tartaglia, M.** (see Abbott, B.) – 38

- ____ (see Abbott, B.) – 524
- Tartarelli, F.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Tasaka, S.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Hatakeyama, S.) – 2016
- ____ (see Shiozawa, M.) – 3319
- Tass, P.; M.G. Rosenblum, J. Weule, J. Kurths, A. Pikovsky, J. Volkmann, A. Schnitzler, and H.-J. Freund** – Detection of $n:m$ Phase Locking from Noisy Data: Application to Magnetoencephalography – 3291
- Tatara, Gen** (see Yamada, Syoji) – 5422
- Tatarakis, M.; J.R. Davies, P. Lee, P.A. Norreys, N.G. Kassapakis, F.N. Beg, A.R. Bell, M.G. Haines, and A.E. Dangor** – Plasma Formation on the Front and Rear of Plastic Targets due to High-Intensity Laser-Generated Fast Electrons – 999
- Tatischeff, B.; J. Yonnet, N. Willis, M. Boivin, M.P. Comets, P. Courtat, R. Gacougnolle, Y. Le Bornec, E. Loireux, and F. Reide** – Tatischeff *et al.* Reply – 1347(C)
- Täuber, U.C.; M.J. Howard, and H. Hinrichsen** – Täuber, Howard, and Hinrichsen Reply – 2179(C)
- Tayloe, R.** (see Athanassopoulos, C.) – 1774
- Taylor, F.E.** (see Abe, K.) – 942
- Taylor, P.L.** (see Whyte, D.G.) – 4392
- ____ (see Yu, Y.-K.) – 128
- Taylor, R.J.** (see Borghesi, M.) – 4274(C)
- Taylor, W.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Tecchio, M.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Tedeschi, D.J.** (see Meyer, H.O.) – 3096
- Teich, Malvin C.** (see Thurner, Stefan) – 5688
- Teige, S.** (see Adams, G.S.) – 5760
- Tejada, J.; X.X. Zhang, E. del Barco, J.M. Hernández, and E.M. Chudnovsky** – Tejada *et al.* Reply – 736(C)
- Tejedor, Carlos** (see López, Rosa) – 4688
- Tempel, M.** (see Hinner, B.) – 2614
- Tempkin, Joshua A.** (see Sauer, Timothy D.) – 4341
- Tendler, M.** (see Tsypin, V.S.) – 3403
- Teng, P.K.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Tennakoon, Sarath G.K.; and R.P. Behringer** – Vertical and Horizontal Vibration of Granular Materials: Coulomb Friction and a Novel Switching State – 794
- Teodorescu, L.** (see Niculescu, G.) – 1805
- Teplitz, Vigdor L.** (see Mohapatra, Rabindra N.) – 3079
- Terakawa, A.** (see Orihara, H.) – 3607
- Ter-Akopian, G.M.** (see Ramayya, A.V.) – 947
- Terakura, K.** (see Fang, Z.) – 1027
- Terakura, Kiyoyuki** (see Ikeda, Takashi) – 4416
- Teramoto, Y.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Teranishi, Yoshiaki; and Hiroki Nakamura** – Control of Time-Dependent Nonadiabatic Processes by an External Field – 2032
- Terasawa, T.** (see Niculescu, G.) – 1805
- Terashi, K.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Terburg, B.P.** (see Bochna, C.) – 4576
- Terentjev, E.M.** (see Clarke, S.M.) – 4436
- ____ (see Yu, Y.-K.) – 128
- Terkulov, A.** (see Ackerstaff, K.) – 5519
- Terrill, N.J.** (see Olmsted, P.D.) – 373
- Terry, J.L.** (see Lipschultz, B.) – 1007
- Tersoff, J.** – Enhanced Nucleation and Enrichment of Strained-Alloy Quantum Dots – 3183
- ____ (see Grinstein, G.) – 2490
- ____ (see Tu, Yuhai) – 4899
- Teryaev, O.** (see Diehl, M.) – 1782
- Teshima, M.** (see Takeda, M.) – 1163
- Tessler, L.R.** (see Piamonteze, C.) – 4652
- Tether, S.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Texier, F.; and Ch. Jungen** – Nuclear-Electronic Wave-Packet Dynamics in Perturbed Rydberg States of Molecular Hydrogen – 4329
- TFTR Group,** (see Ernst, D.R.) – 2454
- Thaler, J.J.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Theriot, D.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791

AUTHOR INDEX

- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Thiel, P. A.** (see Stoldt, C. R.) – 2950
- Thierry-Mieg, V.** (see Gérard, J. M.) – 1110
- Thirolf, P.** (see Davids, B.) – 2209
- Thoennessen, M.** (see Bush, J. E.) – 61
- Thom, J.** (see Abe, K.) – 942
- Thomas, A. W.** (see Boros, C.) – 4075
- Thomas, Benku; and Arthur M. Squires** – Support for Faraday’s View of Circulation in a Fine-Powder Chladni Heap – 574
- Thomas, J. E.** (see Lu, Z. H.) – 3635
- Thomas, J. H.** (see Ahle, L.) – 2650
- Thomas, Scott; and James D. Wells** – Phenomenology of Massive Vectorlike Doublet Leptons – 34
- Thomas, T. L.** (see Abe, F.) – 1367
 - ____ (see Abe, F.) – 1791
 - ____ (see Abe, F.) – 2432
 - ____ (see Abe, F.) – 4806
 - ____ (see Abe, F.) – 5278
 - ____ (see Abe, F.) – 5513
 - ____ (see Abe, F.) – 5742
 - ____ (see Abe, F.) – 5748
 - ____ (see Abe, F.) – 5754
- Thomas, T. L. T.** (see Abbott, B.) – 38
 - ____ (see Abbott, B.) – 524
- Thompson, D. B.** (see Martin, N. L. S.) – 1199
- Thompson, D. R.** (see Adams, G. S.) – 5760
- Thompson, I. J.** (see Veal, K. D.) – 1187
- Thompson, J.** (see Abbott, B.) – 38
 - ____ (see Abbott, B.) – 524
- Thompson, J. D.** (see Suh, B. J.) – 2791
- Thompson, J. R.** (see Krusin-Elbaum, L.) – 3948
- Thomson, Robb; and L. E. Levine** – Theory of Strain Percolation in Metals – 3884
- Thordson, J. V.** (see Bösker, G.) – 3443
- Thorndike, E. H.** (see Alam, M. S.) – 3328
 - ____ (see Anderson, S.) – 3823
 - ____ (see Bergfeld, T.) – 272
 - ____ (see Browder, T. E.) – 1786
- Thorne, K.** (see Aitala, E. M.) – 44
- Thörngren-Engblom, P.** (see Meyer, H. O.) – 3096
- Thouless, D. J.** (see Wexler, C.) – 4277(C)
- Thurber, K. R.** (see Imai, T.) – 220
 - ____ (see Imai, T.) – 3006
- Thurman-Keup, R.** (see Abe, F.) – 1367
 - ____ (see Abe, F.) – 1791
 - ____ (see Abe, F.) – 2432
 - ____ (see Abe, F.) – 4806
 - ____ (see Abe, F.) – 5278
 - ____ (see Abe, F.) – 5513
 - ____ (see Abe, F.) – 5742
 - ____ (see Abe, F.) – 5748
 - ____ (see Abe, F.) – 5754
- Thurner, Stefan; Markus C. Feurstein, Steven B. Lowen, and Malvin C. Teich** – Receiver-Operating-Characteristic Analysis Reveals Superiority of Scale-Dependent Wavelet and Spectral Measures for Assessing Cardiac Dysfunction – 5688
- Thywissen, J. H.** (see Johnson, K. S.) – 1137
- Tibell, G.** (see Ericson, T. E. O.) – 5254(C)
- Tiemann, E.** (see Elbs, M.) – 959
- Tiesinga, Eite** (see Leo, Paul J.) – 1389
- Timko, M.** (see Abe, F.) – 1367
 - ____ (see Abe, F.) – 1791
 - ____ (see Abe, F.) – 2432
 - ____ (see Abe, F.) – 4806
 - ____ (see Abe, F.) – 5278
 - ____ (see Abe, F.) – 5513
 - ____ (see Abe, F.) – 5742
 - ____ (see Abe, F.) – 5748
 - ____ (see Abe, F.) – 5754
- Timm, S.** (see Alam, M. S.) – 3328
 - ____ (see Anderson, S.) – 3823
 - ____ (see Bergfeld, T.) – 272
 - ____ (see Browder, T. E.) – 1786
- Timmermans, E.** – Phase Separation of Bose-Einstein Condensates – 5718
- Timusk, T.** (see Basov, D. N.) – 2132
 - ____ (see Puchkov, A. V.) – 2747
- Tino, G. M.** (see Modugno, G.) – 4790
- Tipton, B.** (see Ackerstaff, K.) – 5519
- Tipton, P.** (see Abe, F.) – 1367
 - ____ (see Abe, F.) – 1791
 - ____ (see Abe, F.) – 2432
 - ____ (see Abe, F.) – 4806
 - ____ (see Abe, F.) – 5278
 - ____ (see Abe, F.) – 5513
 - ____ (see Abe, F.) – 5742
 - ____ (see Abe, F.) – 5748
 - ____ (see Abe, F.) – 5754
- Tirrell, D. A.** (see Fukuto, M.) – 3455
- Tirrell, M.** (see Guenoun, P.) – 3872
- Titi, Edriss S.** (see Chen, Shiyi) – 5338
- Titov, A.** (see Abe, F.) – 1367
 - ____ (see Abe, F.) – 1791
 - ____ (see Abe, F.) – 2432
 - ____ (see Abe, F.) – 4806
 - ____ (see Abe, F.) – 5278
 - ____ (see Abe, F.) – 5513
 - ____ (see Abe, F.) – 5742
 - ____ (see Abe, F.) – 5748
 - ____ (see Abe, F.) – 5754
 - ____ (see Alam, M. S.) – 3328
- Tittel, W.; J. Brendel, H. Zbinden, and N. Gisin** – Violation of Bell Inequalities by Photons More Than 10 km Apart – 3563
- Tjeng, L. H.; F. M. F. de Groot, G. A. Sawatzky, B. Sinkovic, N. B. Brookes, J. B. Goedkoop, R. Hesper, S. Altieri, E. Pellegrin, and S. L. Hulbert** – Tjeng *et al.* Reply – 734(C)
- Tjon, J.** (see Spaltro, C. M.) – 2870
- Tkachev, I.** (see Khlebnikov, S.) – 2012
- Tkaczyk, S.** (see Abe, F.) – 1367
 - ____ (see Abe, F.) – 1791
 - ____ (see Abe, F.) – 2432
 - ____ (see Abe, F.) – 4806
 - ____ (see Abe, F.) – 5278
 - ____ (see Abe, F.) – 5513
 - ____ (see Abe, F.) – 5742
 - ____ (see Abe, F.) – 5748
 - ____ (see Abe, F.) – 5754
- Tlidi, M.; Paul Mandel, and R. Lefever** – Kinetics of Localized Pattern Formation in Optical Systems – 979
- Tlusty, Tsvi; Amit Meller, and Roy Bar-Ziv** – Optical Gradient Forces of Strongly Localized Fields – 1738
- Toback, D.** (see Abe, F.) – 1367
 - ____ (see Abe, F.) – 1791
 - ____ (see Abe, F.) – 2432
 - ____ (see Abe, F.) – 4806
 - ____ (see Abe, F.) – 5278

- ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Tober, E.D.; R.F.C. Farrow, R.F. Marks, G. Witte, K. Kalki, and D.D. Chambliss – Self-Assembled Lateral Multilayers from Thin Film Alloys of Immiscible Metals – 1897
 ____ **F.J. Palomares, R.X. Ynzunza, R. Denecke, J. Morais, Z. Wang, G. Bino, J. Liesegang, Z. Hussain, and C.S. Fadley** – Observation of a Ferromagnetic-to-Paramagnetic Phase Transition on a Ferromagnetic Surface Using Spin-Polarized Photoelectron Diffraction: Gd(0001) – 2360
Tobimatsu, K. (see Odaka, S.) – 2428
Tobin, J.G. (see Mishra, S.R.) – 1306
Tobo, A. (see Satooka, J.) – 709
Todd, B.D.; and Peter J. Davis – Nonequilibrium Molecular Dynamics Simulations of Planar Elongational Flow with Spatially and Temporally Periodic Boundary Conditions – 1118
Toennies, J.P. (see Bertino, M.F.) – 5608
 ____ (see Silvestri, W.) – 1034
Toennies, J. Peter (see Färnik, Michal) – 3892
Toi, K. (see Fujisawa, A.) – 2256
Toki, W. (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Tokura, Y. (see Dessau, D.S.) – 192
 ____ (see Heffner, R.H.) – 1706
 ____ (see Kimura, T.) – 5920
 ____ (see Murakami, Y.) – 582
 ____ (see Okuda, T.) – 3203
Tolan, M.; O.H. Seeck, J.-P. Schlomka, W. Press, J. Wang, S.K. Sinha, Z. Li, M.H. Rafailovich, and J. Sokolov – Evidence for Capillary Waves on Dewetted Polymer Film Surfaces: A Combined X-ray and Atomic Force Microscopy Study – 2731
Tolédano, P. (see Boulbitch, A.A.) – 838
Tolentino, H. (see Piamonteze, C.) – 4652
Tolk, N.H. (see Wang, W.) – 4224
 ____ (see Yao, Y.) – 550
Tollefson, K. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Tollestrup, A. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Tolmachev, S. (see Hogan, M.J.) – 4867
Tomaselli, M. (see Seelig, P.) – 4824
Tomimoto, S.; H. Nansei, S. Saito, T. Suemoto, J. Takeda, and S. Kurita – Femtosecond Dynamics of the Exciton Self-Trapping Process in a Quasi-One-Dimensional Halogen-Bridged Platinum Complex – 417
Tominaga, A. (see Yazaki, T.) – 3128
Tomioka, Y. (see Kimura, T.) – 5920
 ____ (see Okuda, T.) – 3203
Tomoeda, T. (see Hatakeyama, S.) – 2016
Toner, John (see Radzihovsky, Leo) – 3711
Tong, G.L. (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
Tong, P. (see Du, Y.-B.) – 987
Toothacker, W. (see Apanasevich, L.) – 2642
Toperverg, B.P. (see Günther, R.) – 116
Toprakcioglu, C. (see Anastassopoulos, D.L.) – 830
Torii, R. (see Takeda, M.) – 1163
Torii, Takashi (see Maeda, Kengo) – 5270
Törmä, Päivi – Transitions in Quantum Networks – 2185
Torner, Lluís (see Balslev Clausen, Carl) – 790
 ____ (see Mihalache, Dumitru) – 4353
Torrence, E. (see Abe, K.) – 942
Torres, J.J. (see Marro, J.) – 2827
Tosatti, Erio (see Ueda, Masahito) – 2092
Tosello, F. (see Balestra, F.) – 4572
Tostevin, J.A. (see Navin, A.) – 5089
Totsuka, Y. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
Toudic, B. (see Ollivier, J.) – 3667
Toumbas, N.K. (see Abe, K.) – 942
Toussaint, D. (see Bernard, C.) – 4812
 ____ (see Bernard, Claude) – 3087
Town, R.P.J. (see Watt, R.G.) – 4644
Townsend, Paul K. (see Claus, Piet) – 4553
Toyoda, H. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Tozzi, A. (see Bellini, M.) – 297
Trachenko, Kostya; Martin T. Dove, Kenton D. Hammonds, Mark J. Harris, and Volker Heine – Low Energy Dynamics and Tunneling States in Silica Glass – 3431
Tracht, U.; M. Wilhelm, A. Heuer, H. Feng, K. Schmidt-Rohr, and H.W. Spiess – Length Scale of Dynamic Heterogeneities at the Glass Transition Determined by Multidimensional Nuclear Magnetic Resonance – 2727
Traeger, F. (see Bertino, M.F.) – 5608
Trail, Steven S. (see Ruoff, Arthur L.) – 2723
Trandafir, A.I. (see Abe, K.) – 942
Trappeniers, L. (see Wagner, P.) – 3980
Trebin, H.-R. (see Englert, J.) – 1457
 ____ (see Mikulla, R.) – 3163
Tredicce, J.R. (see Vaschenko, G.) – 5536
Treiber, Martin (see Helbing, Dirk) – 3042
Tremaine, A.; J.B. Rosenzweig, S. Anderson, P. Frigola, M. Hogan, A. Murokh, C. Pellegrini, D.C. Nguyen, and R.L. Sheffield – Observation of Self-Amplified Spontaneous-Emission-Induced Electron-Beam Microbunching Using Coherent Transition Radiation – 5816
 ____ (see Hogan, M.J.) – 4867
Trenkler, J.; P.C. Chow, P. Wochner, H. Abe, K.E. Bassler, R. Paniago, H. Reichert, D. Scarfe, T.H. Metzger, J. Peisl, J. Bai, and S.C. Moss – Two Length Scales and Crossover Behavior in the Critical Diffuse Scattering from V₂H – 2276
Tribe, W.R. (see Appleyard, N.J.) – 3491
Trillo, Stefano (see De Rossi, Alfredo) – 85
Trinder, W. (see Grzywacz, R.) – 766

AUTHOR INDEX

- Tringides, M. C.** (see Conrad, E. H.) – 3175
- Tripathi, A. K.** (see Aitala, E. M.) – 44
- Trippe, T. G.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Trischuk, W.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Trivedi, M. D.** (see Aggarwal, M. M.) – 4087
- Trivedi, Nandini** (see Ghosal, Amit) – 3940
- Tromp, R. M.; and M. Mankos** – Thermal Adatoms on Si(001) – 1050
- Trouilloud, P. L.** (see Koch, R. H.) – 4512
- Troyer, Matthias; and Subir Sachdev** – Universal Critical Temperature for Kosterlitz-Thouless Transitions in Bilayer Quantum Magnets – 5418
- Truitt, S.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Tsai, An Pang** (see Sato, Taku J.) – 2364
 ____ (see Yan, Yanfa) – 5145
- Tse, J. S.; and D. D. Klug** – Anomalous Isostructural Transformation in Ice VIII – 2466
- Tseng, C. H.; G. P. Wong, V. R. Pomeroy, R. W. Mair, D. P. Hinton, D. Hoffmann, R. E. Stoner, F. W. Hersman, D. G. Cory, and R. L. Walsworth** – Low-Field MRI of Laser Polarized Noble Gas – 3785
- Tseng, J.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Tsimperidis, I.; T. Gregorkiewicz, H. H. P. Th. Bekman, and C. J. G. M. Langerak** – Direct Observation of the Two-Stage Excitation Mechanism of Er in Si – 4748
- Tsironis, G. P.** (see Roncaglia, R.) – 10
- Tsoi, M.; A. G. M. Jansen, J. Bass, W.-C. Chiang, M. Seck, V. Tsoi, and P. Wyder** – Erratum: Excitation of a Magnetic Multilayer by an Electric Current [Phys. Rev. Lett. **80**, 4281 (1998)] – 493(E)
- Tsoi, V.** (see Tsoi, M.) – 493(E)
- Tsong, I. S. T.** (see Pelz, J. P.) – 5473(C)
- Tsubota, H.** (see Niculescu, G.) – 1805
- Tsuboyama, T.** (see Odaka, S.) – 2428
- Tsukada, I.** (see Zheludev, A.) – 5410
- Tsukagoshi, K.** (see Alphenaar, B. W.) – 5628
- Tsukernik, A.** (see Yahel, E.) – 5201
- Tsuneyuki, Shinji** (see Miyake, Takashi) – 1873
- Tsushima, F.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Tsushima, I.** (see Takeda, M.) – 1163
- Tselik, A. M.** (see Azaria, P.) – 1694
 ____ (see Frahm, Holger) – 2116
- Tsvetkov, A.** (see Aggarwal, M. M.) – 4087
- Tsyganov, M. A.** (see Biktashev, V. N.) – 2815
- Tsypin, V. S.; R. M. O. Galvão, I. C. Nascimento, A. G. Elfimov, M. Tendler, C. A. de Azevedo, and A. S. de Assis** – Ion Transport in Tokamak Plasmas with Ion Banana Orbits Squeezed by Alfvén Waves – 3403
- Tu, Yuhai; J. Tersoff, G. Grinstein, and David Vanderbilt** – Properties of a Continuous-Random-Network Model for Amorphous Systems – 4899
 ____ (see Grinstein, G.) – 2490
- Tully, J. C.** (see Yao, Y.) – 550
- Turchette, Q. A.; C. S. Wood, B. E. King, C. J. Myatt, D. Leibfried, W. M. Itano, C. Monroe, and D. J. Wineland** – Deterministic Entanglement of Two Trapped Ions – 3631
 ____ (see King, B. E.) – 1525
- Turinge, A.** (see Ajaka, J.) – 1797
- Turini, N.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Turk, J. D.** (see Abe, K.) – 942
- Turner, Michael S.** (see Lopez, Robert E.) – 3075
- Turner, R. E.** (see Glenzer, S. H.) – 365
 ____ (see Murphy, T. J.) – 108
- Turyshev, Slava G.** (see Anderson, John D.) – 2858
- Tutiš, Eduard** – Comment on “Description of Spin and Charge Domain Walls in Doped Perovskite-Type 3d Transition-Metal Oxides Based On Superexchange Interaction” – 2182(C)
- Tuts, P. M.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Twenhöfel, C.** (see Aggarwal, M. M.) – 4087
- Tycko, Robert** (see Michal, Carl A.) – 3988
- Tykarski, L.** (see Aggarwal, M. M.) – 4087
- Tytgat, M.** (see Ackerstaff, K.) – 5519
- Tytgat, Michel H. G.** (see Kharzeev, Dmitri) – 512
- Tzeng, K.-C.; and W. B. Mori** – Suppression of Electron Ponderomotive Blowout and Relativistic Self-Focusing by the Occurrence of Raman Scattering and Plasma Heating – 104
 ____ (see Clayton, C. E.) – 100
- Uchida, S.** (see Ino, A.) – 2124
 ____ (see Nagata, T.) – 1090
 ____ (see Neudert, R.) – 657
- Uchida, Shin-ichi** (see Eccleston, Roger S.) – 1702
- Uchida, T.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Yoshida, Z.) – 2458
- Uchihori, Y.** (see Takeda, M.) – 1163
- Uchinokura, K.** (see Zheludev, A.) – 5410

- Ueda, I.** (see Matsunaga, H.) – 4052
Ueda, Kazuo (see Mutou, Tetsuya) – 4939
Ueda, M.; M. P. Pato, M. S. Hussein, and N. Takigawa – Forward
 Glory Phenomenon in the Dark-Side of Heavy-Ion Nuclear Rainbow
 Scattering – 1809
Ueda, Masahito; and Anthony J. Leggett – Ueda and Leggett
 Reply – 1343(C)
Ueda, Y. (see Vasil'ev, A.N.) – 1949
Uehara, M. (see Nagata, T.) – 1090
Uehara, Masatomo (see Eccleston, Roger S.) – 1702
Uehara, S. (see Odaka, S.) – 2428
Uemura, Y. J. (see Heffner, R.H.) – 1706
Ueno-Hayashi, S. (see Ahle, L.) – 2650
Ugolini, D. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Uhlmann, S.; Th. Frauenheim, and
Y. Lifshitz – Molecular-Dynamics Study of the Fundamental
 Processes Involved in Subplantation of Diamondlike Carbon – 641
Uhrberg, R. I. G.; and T. Balasubramanian – Electronic Structure of
 the $\sqrt{3} \times \sqrt{3}$ - α and 3×3 Periodicities of Sn/Ge(111) – 2108
Ukawa, A. (see Aoki, S.) – 1778
Ukegawa, F. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Ullmann, J. (see Krusin-Elbaum, L.) – 3948
Ullod, C. L. (see Bimonte, G.) – 750
Ullrich, J. (see Schmitt, W.) – 4337
Ulmer, P. E. (see Lourie, R.W.) – 2832(C)
Umeyama, Takashi (see Enoki, Toshiaki) – 3719
Umrigar, C. J. (see Goedecker, S.) – 1786
Umshaus, Gerhard (see Denschlag, Johannes) – 737
Underwood, James H. (see Sacchi, Maurizio) – 1521
Undrus, A. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Unno, Y. (see Odaka, S.) – 2428
Uno, S. (see Takaoka, S.) – 4700
Unterrainer, K. (see Rauch, C.) – 3495
Untiedt, C. (see Cuevas, J.C.) – 2990
Upadhyay, Shashi K.; Akilan Palanisami, Richard N. Louie, and
R. A. Buhrman – Probing Ferromagnets with Andreev
 Reflection – 3247
Upton, P. J. – Fluids Against Hard Walls and Surface Critical
 Behavior – 2300
 ____ (see Borjan, Z.) – 4911
Urbach, J. S. (see Olafsen, J.S.) – 4369
Urbach, W. (see Narayanan, Janaky) – 228
Urbahn, J. (see Aggarwal, M.M.) – 4087
Urbakh, M. (see Zaloj, V.) – 1227
Urcioli, G. M. (see Ackerstaff, K.) – 5519
 ____ (see Niculescu, G.) – 1805
 ____ (see Onderwater, C.J.G.) – 2213
 ____ (see Spaltro, C.M.) – 2870
Urheim, J. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Uribe, F. J.; R. M. Velasco, and L. S. García-Colín – Burnett
 Description of Strong Shock Waves – 2044
Urrutia, J. M. (see Stenzel, R.L.) – 2064
Usher, A. (see Watts, J.P.) – 4220
Usher, T. (see Abe, K.) – 942
Usov, V. V. – Usov Replies – 4775(C)
Ussishkin, Iddo; and Ady Stern – Coulomb Drag at $\nu = \frac{1}{2}$:
 Composite Fermion Pairing Fluctuations – 3932
Utsuno, Yutaka; Takashi Sebe, Takaharu Otsuka, and Takahiro
Mizusaki – Comment on “Full f - p Shell Calculation of ^{51}Ca and
 ^{51}Sc ” – 5948(C)
Uusitalo, J. (see Rehm, K.E.) – 3341
Vacca, G. P. (see Faccioli, L.) – 240(C)
Vacher, R. (see Foret, M.) – 2100
Vacher, René (see Bermejo, F. Javier) – 3801(C)
Vager, Z. (see Levin, J.) – 3347
Vagins, M. R. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Vagner, I. D. (see Gordon, A.) – 2787
Vakarin, E. V.; A. E. Filippov, and J. P. Badiali – Distortion of a
 Substrate Induced by Adsorption at Solid-Liquid Interfaces – 3904
Vakili, M. (see Kim, J.H.) – 3595
Vaknin, A.; Z. Ovadyahu, and M. Pollak – Evidence for
 Interactions in Nonergodic Electronic Transport – 669
Valant-Spaight, B. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Valbusa, U. (see Rusponi, S.) – 2735
 ____ (see Rusponi, S.) – 4184
Valignat, M. P. (see Vandenbrouck, F.) – 610
Valiulis, G. (see Di Trapani, P.) – 570
Valkering, A. M. C.; P. K. H. Sommerfeld, R. A. M. van de Ven,
R. W. van der Heijden, F. A. P. Blom, M. J. Lea, and F. M.
Peeters – Hall Magnetocapacitance in Two-Dimensional Electron
 Systems – 5398
Valladares, Alexander; J. A. White, and A. P. Sutton – First
 Principles Simulations of the Structure, Formation, and Migration
 Energies of Kinks on the 90° Partial Dislocation in Silicon – 4903
Vallauri, R. (see Bertolini, D.) – 2080
Valle, J. W. F. (see Grasso, D.) – 2412
Vallée, F. (see Del Fatti, N.) – 922
Vallejos, Raúl O.; Caio H. Lewenkopf, and Eduardo R.
Mucciolo – Coulomb Blockade Peak Spacing Fluctuations in
 Deformable Quantum Dots: A Further Test of Random Matrix
 Theory – 677
Vallières, M. (see Novoselsky, A.) – 5949(C)
 ____ (see Novoselsky, A.) – 5955(E)
Valls, J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Valls-Gabaud, David (see Pando, Jesús) – 4568
van Abeelen, F. A. (see Courteille, Ph.) – 69
van Camp, P. E. (see Ruoff, Arthur L.) – 2723
van de Ven, R. A. M. (see Valkering, A. M. C.) – 5398
van de Vyver, R. (see Ackerstaff, K.) – 5519

AUTHOR INDEX

- Van de Wiele, J.** (see Ajaka, J.) – 1797
- van den Brand, J.F.J.** (see Ackerstaff, K.) – 5519
- van den Brink, S.C.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- van den Oetelaar, R.J.A.** (see Enachescu, M.) – 1877
- van der Hart, Hugo W.; and Chris H. Greene** – Double and Triple Photoionization of Ground-State Lithium – 4333
- van der Heijden, R.W.** (see Valkering, A.M.C.) – 5398
- van der Laan, G.** – Comment on “Local Electronic and Magnetic Structure of Ni below and above T_c : A Spin-Resolved Circularly Polarized Resonant Photoemission Study” – 733(C)
- ____ (see Mishra, S.R.) – 1306
- van der Lee, A.M.; M.P. van Exter, A.L. Mieremet, N.J. van Druten, and J.P. Woerdman** – Excess Quantum Noise Is Colored – 5121
- van der Marel, D.** (see Damaschelli, A.) – 918
- van der Meer, A.F.G.** (see von Helden, G.) – 1825
- van der Steenhoven, G.** (see Ackerstaff, K.) – 5519
- ____ (see Onderwater, C.J.G.) – 2213
- ____ (see Spaltro, C.M.) – 2870
- van der Weide, Daniel W.** (see Blick, Robert H.) – 689
- van Druten, N.J.** (see van der Lee, A.M.) – 5121
- Van Duppen, P.** (see Franchoo, S.) – 3100
- van Exter, M.P.** (see van der Lee, A.M.) – 5121
- Van Haesendonck, C.** (see Strunk, C.) – 2982
- van Hecke, H.; H. Sorge, and N. Xu** – Evidence of Early Multistrange Hadron Freeze-Out in High Energy Nuclear Collisions – 5764
- van Hunen, J.J.** (see Ackerstaff, K.) – 5519
- van Leeuwe, J.J.** (see Onderwater, C.J.G.) – 2213
- van Loosdrecht, P.H.M.** (see Lorenz, T.) – 148
- van Otterlo, Anne; Richard T. Scalettar, and Gergely T. Zimányi** – Phase Diagram of Disordered Vortices from London Langevin Simulations – 1497
- Van Proeyen, Antoine** (see Claus, Piet) – 4553
- van Roij, A.J.A.** (see von Helden, G.) – 1825
- van Roij, René** (see Dijkstra, Marjolein) – 2268
- Van Roosbroeck, J.** (see Franchoo, S.) – 3100
- van Sambeek, M.J.M.** (see Spaltro, C.M.) – 2870
- van Schilfgaarde, M.** (see Finnis, M.W.) – 5149
- van Uden, M.A.** (see Onderwater, C.J.G.) – 2213
- ____ (see Spaltro, C.M.) – 2870
- van Westrum, D.** (see Bochna, C.) – 4576
- Vanacken, J.** (see Wagner, P.) – 3980
- Vance, S.E.; T. Csörgő, and D. Kharzeev** – Observation of Partial $U_A(1)$ Restoration from Two-Pion Bose-Einstein Correlations – 2205
- VanDalen, G.J.** (see Athanassopoulos, C.) – 1774
- Vandembroucq, Damien** (see L’vov, Victor S.) – 802
- Vandenbosch, R.; B.P. Henry, C. Cooper, M.L. Gardel, J.F. Liang, and D.I. Will** – Fragmentation Partners from Collisional Dissociation of C_{60} – 1821
- ____ (see Lestone, J.P.) – 4776(C)
- Vandenbrouck, F.; S. Bardon, M.P. Valignat, and A.M. Cazabat** – Wetting Transition and Divergence of the Extrapolation Length near the Nematic-Isotropic Transition – 610
- Vanderbilt, David** (see Bellaiche, L.) – 1318
- ____ (see Tu, Yuhai) – 4899
- Vannikov, A.V.** (see Novikov, S.V.) – 4472
- Vannini, C.** (see Abe, K.) – 942
- Vantomme, A.** (see Demuyndck, S.) – 2562
- VanWiggeren, Gregory D.; and Rajarshi Roy** – Optical Communication with Chaotic Waveforms – 3547
- Vardanyan, I.N.** (see Adams, G.S.) – 5760
- Varelas, N.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- ____ (see Apanasevich, L.) – 2642
- Varfolomeev, A.** (see Hogan, M.J.) – 4867
- Varfolomeev, A.A.** (see Hogan, M.J.) – 4867
- Varga, Imre** (see Janssen, Martin) – 3048(C)
- Varga, Peter** (see Diebold, Ulrike) – 405
- Varma, C.M.** (see Si, Qimiao) – 4951
- Varner, G.** (see Bai, J.Z.) – 3091
- Varnes, E.W.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Varoquaux, E.** (see Hakonen, P.) – 3451
- Vaschenko, G.; M. Giudici, J.J. Rocca, C.S. Menoni, J.R. Tredicce, and S. Balle** – Temporal Dynamics of Semiconductor Lasers with Optical Feedback – 5536
- Vasil’ev, A.N.; V.V. Pryadun, D.I. Khomskii, G. Dhalenne, A. Revcolevschi, M. Isoke, and Y. Ueda** – Anomalous Thermal Conductivity of NaV_2O_5 as Compared to Conventional Spin-Peierls System $CuGeO_3$ – 1949
- Vasiliu-Doloc, L.** (see Osborn, R.) – 3964
- Vasilopoulos, P.** (see Balev, O.G.) – 1481
- Vasilyev, S.A.** (see Safonov, A.I.) – 4545
- Vassen, W.** (see Karremans, K.) – 4843
- Vassilakopoulos, V.I.** (see Ambrose, D.) – 4309
- ____ (see Ambrose, D.) – 5734
- Va’vra, J.** (see Abe, K.) – 942
- Vázquez de Parga, A.L.** (see Camarero, J.) – 850
- Veal, K.D.; C.R. Brune, W.H. Geist, H.J. Karwowski, E.J. Ludwig, A.J. Mendez, E.E. Bartosz, P.D. Cathers, T.L. Drummer, K.W. Kemper, A.M. Eiró, F.D. Santos, B. Kozłowska, H.J. Maier, and I.J. Thompson** – Deformation Effects in ${}^6\text{Li}$ – 1187
- Vejbj-Christensen, L.** (see Pedersen, H.B.) – 5302
- Vejcik, S., III** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Velasco, R.M.** (see Uribe, F.J.) – 2044
- Velasco, S.; J.M.M. Roco, A. Medina, and A. Calvo Hernández** – Velasco, Roco, Medina, and Calvo Hernández Reply – 5470(C)
- Velev, G.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Velkovsky, M.** (see Rapp, R.) – 53
- Vella, E.** (see Abe, K.) – 942
- Vengurlekar, A.S.** (see Kumar, Rajesh) – 2578
- Véniard, Valérie** (see Taïeb, Richard) – 2882
- Venkatesan, T.** (see Fournier, P.) – 4720
- ____ (see Park, J.-H.) – 1953
- ____ (see Zhao, Y.G.) – 1310

- Ventra, M. Di** (see Wang, W.) – 4224
- Venturi, G.** (see Faccioli, L.) – 240(C)
- Venturini, Marco; and Martin Reiser** – rms Envelope Equations in the Presence of Space Charge and Dispersion – 96
- Venu Gopal, A.** (see Kumar, Rajesh) – 2578
- Venuti, J. P.** (see Abe, K.) – 942
- Verbaarschot, J. J. M.** (see Osborn, J. C.) – 268
- ____ (see Şener, M. K.) – 248
- Verdier, R.** (see Abe, K.) – 942
- Verdini, P. G.** (see Abe, K.) – 942
- Verdon, C. P.** (see Watt, R. G.) – 4644
- Verhaar, B. J.** (see Courteille, Ph.) – 69
- ____ (see Kokkelmans, S. J. J. M. F.) – 951
- Verma, Ritu; J. C. Crocker, T. C. Lubensky, and A. G. Yodh** – Entropic Colloidal Interactions in Concentrated DNA Solutions – 4004
- Vermeeren, L.** (see Franchoo, S.) – 3100
- Vernon, W.** (see Athanassopoulos, C.) – 1774
- Vescoli, V.; L. Degiorgi, H. Berger, and L. Forró** – Dynamics of Correlated Two-Dimensional Materials: The $2H$ -TaSe₂ Case – 453
- Vescovo, E.** (see Park, J.-H.) – 1953
- Vespignani, Alessandro; Ronald Dickman, Miguel A. Muñoz, and Stefano Zapperi** – Driving, Conservation, and Absorbing States in Sandpiles – 5676
- Vetterli, M. C.** (see Ackerstaff, K.) – 5519
- Vettier, C.** (see Bernhoeft, N.) – 3419
- Vial, J. C.** (see Mihalcescu, I.) – 3805(C)
- Viallet, Claude** (see Hietarinta, Jarmo) – 325
- Vicsek, Tamás** (see Czirók, András) – 3038
- Vidal, Julien; Rémy Mosseri, and Benoit Douçot** – Aharonov-Bohm Cages in Two-Dimensional Structures – 5888
- Vidal, R.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Videbaek, F.** (see Ahle, L.) – 2650
- Viehhauser, G.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Vietze, K.** (see Kietzmann, H.) – 5378
- Vietze, U.; O. Krauß, F. Laeri, G. Ihlein, F. Schüth, B. Limburg, and M. Abraham** – Zeolite-Dye Microlasers – 4628
- Vieu, C.** (see Aign, T.) – 5656
- Vigdor, S. E.** (see Balestra, F.) – 4572
- Vigild, Martin E.** (see Ryu, Chang Yeol) – 5354
- Viguier, M.** (see Séréro, Y.) – 5584
- Vilar, J. M. G.; G. Gomila, and J. M. Rubí** – Stochastic Resonance in Noisy Nondynamical Systems – 14
- Vilar, R.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Vilenkin, Alexander** – Unambiguous Probabilities in an Eternally Inflating Universe – 5501
- Viliani, G.** (see Angelani, L.) – 4648
- Villar, J. A.** (see Avignone, F. T., III) – 5068
- Villard, G.** (see Kirtley, J. R.) – 2140
- Villégier, J.-C.** (see Jelila, F. S.) – 1933
- Villella, P.** (see Dessau, D. S.) – 192
- Villermaux, Emmanuel** – Transfer at Rough Sheared Interfaces – 4859
- Vincent, E.** (see Jonason, K.) – 3243
- Vincter, M. G.** (see Ackerstaff, K.) – 5519
- Vinogradov, A.** (see Aggarwal, M. M.) – 4087
- Vinokur, V. M.** (see Ueda, Masahito) – 3952
- Viovy, Jean-Louis** (see Ladoux, Benoit) – 3793
- Viren, B.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Visser, Matt** (see Hochberg, David) – 746
- ____ (see Hochberg, David) – 4802
- Vitale, S.** (see Simmonds, R. W.) – 1247
- Viteritti, S.** (see Grzywacz, R.) – 766
- Vititoe, D.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Vittadini, A.; A. Selloni, F. P. Rotzinger, and M. Grätzel** – Structure and Energetics of Water Adsorbed at TiO₂ Anatase (101) and (001) Surfaces – 2954
- Vives, Eduard** (see Carrillo, Lluís) – 1889
- Viviani, M.; S. Rosati, and A. Kievsky** – Neutron-³H and Proton-³He Zero Energy Scattering – 1580
- Vivien, J. P.** (see Frattini, S.) – 2659
- Viyogi, Y. P.** (see Aggarwal, M. M.) – 4087
- Vlieg, E.** (see de Vries, S. A.) – 381
- Vobornik, I.** (see Zwick, F.) – 1058
- Vodopianov, A.** (see Aggarwal, M. M.) – 4087
- Vogel, Petr** (see Martínez-Pinedo, Gabriel) – 281
- Vogelsang, W.** (see de Florian, D.) – 530
- Vogt, R.** (see Emel'yanov, V.) – 1801
- Voigtländer, Bert; Martin Kästner, and Pavel Šmilauer** – Magic Islands in Si/Si(111) Homoepitaxy – 858
- Voisin, Paul** (see Khurgin, Jacob B.) – 3777
- Voit, J.** (see Zwick, F.) – 2974
- Vojta, Thomas; Frank Epperlein, and Michael Schreiber** – Do Interactions Increase or Reduce the Conductance of Disordered Electrons? It Depends! – 4212
- Volin, K. J.** (see Krishnan, S.) – 586
- Volk, E.** (see Ackerstaff, K.) – 5519
- Völkel, K.** (see Shin, Y.) – 1576
- Völker, L.** (see Seelig, P.) – 4824
- Volkman, J.** (see Tass, P.) – 3291
- Volkov, A. A.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Vollmayr, Katharina** (see Weeks, John D.) – 4400
- Volmer, J.** (see Niculescu, G.) – 1805
- Volobouev, I.** (see Alam, M. S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T. E.) – 1786
- Volovik, G. E.** – Comment on “ T Dependence of the Magnetic Penetration Depth in Unconventional Superconductors at Low Temperatures: Can It Be Linear?” – 4023(C)
- von Brentano, P.** (see Weidenmüller, H. A.) – 3603
- von Busch, H.; Vas Dev, H.-A. Eckel, S. Kasahara, J. Wang, W. Demtröder, P. Sebald, and W. Meyer** – Unambiguous Proof for Berry's Phase in the Sodium Trimer: Analysis of the Transition $A^2E'' \leftarrow X^2E'$ – 4584
- von Delft, Jan; Gergely Zaránd, and Michele Fabrizio** – Finite-Size Bosonization of 2-Channel Kondo Model: A Bridge between Numerical Renormalization Group and Conformal Field Theory – 196

AUTHOR INDEX

- ____ (see Braun, Fabian) – 4712
von der Linde, D. (see Sokolowski-Tinten, K.) – 224
 ____ (see Sokolowski-Tinten, K.) – 3679
von der Linden, W. (see Dose, V.) – 3407
von Dombrowski, S. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
von Helden, G.; I. Holleman, A.J.A. van Roij, G.M.H. Knippels, A.F.G. van der Meer, and G. Meijer – Shedding New Light on Thermionic Electron Emission of Fullerenes – 1825
von Klitzing, K. (see Kronmüller, S.) – 2526
von Niessen, W. (see Kortlüke, O.) – 2164
von Przewoski, B. (see Blinov, B.B.) – 2906
 ____ (see Meyer, H.O.) – 3096
von Schütz, J.U. (see Karutz, F.O.) – 140
Vonlanthen, P. (see Dolinšek, J.) – 3671
 ____ (see Gavilano, J.L.) – 5648
Vorobieff, Peter; Paul M. Rightley, and Robert F. Benjamin – Power-Law Spectra of Incipient Gas-Curtain Turbulence – 2240
 ____ (see Rivera, Michael) – 1417
Vorobiev, A.P. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Vörös, S. (see Aggarwal, M.M.) – 4087
Vradis, A.A. (see Anastassopoulos, D.L.) – 830
Vu, P.D. (see Liu, Xiao) – 3171
Vu, Q.T. (see Bányai, L.) – 882
Vucinic, D. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Vuillemin, J.J. (see Harrison, N.) – 870
Vulcan, W. (see Niculescu, G.) – 1805
Vulcan, W.F. (see Bochna, C.) – 4576
Vuletić, Vladan; Cheng Chin, Andrew J. Kerman, and Steven Chu – Degenerate Raman Sideband Cooling of Trapped Cesium Atoms at Very High Atomic Densities – 5768
Vulpiani, A. (see Puglisi, A.) – 3848
Vulpiani, Angelo (see Dzugutov, Mikhail) – 1762
Vvedensky, D.D. (see Itoh, M.) – 633
Vvedensky, Dimitri D. (see Gyure, Mark F.) – 4931
 ____ (see Šmilauer, Pavel) – 5600
Vyaselev, O.M. (see Gorny, K.R.) – 2340

W7-AS Team (see Laqua, H.P.) – 2060
Wabnitz, S. (see Pitois, S.) – 1409
Wachtel, H. (see Karutz, F.O.) – 140
Wacker, A. (see Rauch, C.) – 3495
Wada, Y. (see Heike, Seiji) – 890
Waddill, G.D. (see Mishra, S.R.) – 1306
Wadia, N. (see Athanassopoulos, C.) – 1774
Wadsworth, R. (see Longour, C.) – 3337
Wagh, Apoorva G.; Veer Chand Rakhecha, Peter Fischer, and Alexander Ioffe – Neutron Interferometric Observation of Noncyclic Phase – 1992
Wagner, A. (see Shin, Y.) – 1576
Wagner, D.L. (see Abe, K.) – 942
Wagner, F. (see Wang, X.-G.) – 1038
Wagner, H.D. (see Lourie, O.) – 1638

Wagner, Orlando S.; Guido Burkard, Vadim B. Geshkenbein, and Gianni Blatter – Thermal Suppression of Strong Pinning – 906
Wagner, P.; I. Gordon, L. Trappeniers, J. Vanacken, F. Herlach, V.V. Moshchalkov, and Y. Bruynseraede – Spin Dependent Hopping and Colossal Negative Magnetoresistance in Epitaxial Nd_{0.52}Sr_{0.48}MnO₃ Films in Fields up to 50 T – 3980
Wagner, R.G. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Wagner, R.L. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Wagner, S.R. (see Abe, K.) – 942
Wahl, H.D. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Wahl, J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Wahlström, C.-G. (see Bellini, M.) – 297
Wahnström, Göran (see Bogicevic, Alexander) – 172
Wai, L. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Wai, L.L. (see Fukuda, Y.) – 1562
Waite, A.P. (see Abe, K.) – 942
Walcher, Th. (see Klein, F.) – 2831(C)
Waldron, Andrew K. (see Plefka, Jan C.) – 2866
Waldtmann, C. (see Misguich, G.) – 1098
Waleffe, Fabian – Three-Dimensional Coherent States in Plane Shear Flows – 4140
Walker, E. (see D’Anna, G.) – 2530
Walker, F.J. (see McKee, R.A.) – 3014
Walker, T. (see Sukenik, C.I.) – 782
Walker, Thad G. (see Leo, Paul J.) – 1389
Walko, D.A.; I.K. Robinson, Ch. Grütter, and J.H. Bilgram – Surface Structure of α -Ga(010) – 626
Wallace, A. (see Alves, G.A.) – 1537(E)
Wallace, J. (see Fernández, Juan C.) – 2252
Wallace, J.M. (see Murphy, T.J.) – 108
Wallace, N.B. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754

- Wallace, R. J.** (see Drake, R. P.) – 2068
 ____ (see Murphy, T. J.) – 108
- Walls, Dan F.** (see Bolda, Eric L.) – 5477
- Walls, Daniel F.** (see Grangier, Philippe) – 2833(C)
- Walmsley, Ian A.** (see de Araujo, Luis E. E.) – 955
- Walraven, J. T. M.** (see Mosk, A. P.) – 4440
- Walsh, A. M.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Walston, S.** (see Abe, K.) – 942
- Walsworth, R. L.** (see Tseng, C. H.) – 3785
- Walter, C. W.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Walter, D. K.** (see Leo, Paul J.) – 1389
- Walters, W. B.** (see Franchoo, S.) – 3100
- Walther, H.** (see Marrocco, M.) – 5784
- Walther, L. E.** (see Russell, E. Vidal) – 1461
- Waltz, J.** (see Athanassopoulos, C.) – 1774
- Walus, W.** (see Shin, Y.) – 1576
- Wan, Weishi; and John R. Cary** – Increasing the Dynamic Aperture of Accelerator Lattices – 3655
- Wander, W.** (see Ackerstaff, K.) – 5519
- Wang, C.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Wang, C. H.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Wang, C. Z.** (see Lee, Gun-Do) – 5872
- Wang, Cai-Zhuang** (see Shvartsburg, Alexandre A.) – 4616
- Wang, F.** (see Ahle, L.) – 2650
 ____ (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Wang, G.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Wang, Hailin; H. Q. Hou, and B. E. Hammons** – Coherent Dynamics of Excitonic Nonlinear Optical Response in the Nonperturbative Regime – 3255
- Wang, J.** (see Abe, K.) – 942
 ____ (see Tolan, M.) – 2731
 ____ (see von Busch, H.) – 4584
- Wang, J. C.** (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Wang, L. S.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Wang, L. Z.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Wang, Lai-Sheng; Chuan-Fan Ding, Xue-Bin Wang, and John B. Nicholas** – Probing the Potential Barriers and Intramolecular Electrostatic Interactions in Free Doubly Charged Anions – 2667
 ____ (see Li, Xi) – 1909
 ____ (see Wang, Xue-Bin) – 3351
- Wang, M.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Wang, M. H. L. S.** (see Reyes, M. A.) – 4079
- Wang, M. J.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Wang, Meng** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Wang, P.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Wang, P. L.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Wang, S. C.; Ulrike Kürpick, and Gert Ehrlich** – Surface Diffusion of Compact and Other Clusters: Ir_x on Ir(111) – 4923
- Wang, S. M.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Wang, T. J.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Wang, W.; G. Lüpke, M. Di Ventura, S. T. Pantelides, J. M. Gilligan, N. H. Tolk, I. C. Kizilyalli, P. K. Roy, G. Margaritondo, and G. Lucovsky** – Coupled Electron-Hole Dynamics at the Si/SiO₂ Interface – 4224
- Wang, W. K.; W. C. Simpson, and J. A. Yarmoff** – Passivation versus Etching: Adsorption of I₂ on InAs(001) – 1465
- Wang, X.-G.; W. Weiss, Sh. K. Shaikhutdinov, M. Ritter, M. Petersen, F. Wagner, R. Schlögl, and M. Scheffler** – The Hematite ($\alpha\text{-Fe}_2\text{O}_3$) (0001) Surface: Evidence for Domains of Distinct Chemistry – 1038
- Wang, Xiao-Bing; Lee Chang, and Bing-Lin Gu** – Comment on “Macroscopic Quantum Tunneling of a Bose-Einstein Condensate with Attractive Interaction” – 1342(C)
- Wang, Xiao-Qian** (see Nomura, Miki) – 2739
- Wang, Xin-Nian** – Where Is the Jet Quenching in Pb + Pb Collisions at 158A GeV? – 2655
- Wang, Xue-Bin; Chuan-Fan Ding, and Lai-Sheng Wang** – Photodetachment Spectroscopy of a Doubly Charged Anion: Direct Observation of the Repulsive Coulomb Barrier – 3351
 ____ (see Li, Xi) – 1909
 ____ (see Wang, Lai-Sheng) – 2667
- Wang, Y. L.** (see Lai, M. Y.) – 164
- Wang, Y. Y.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080

AUTHOR INDEX

- Wang, Yang** (see Faulkner, J.S.) – 1905
- Wang, Z.** (see Tober, E.D.) – 2360
- Wang, Z.Q.** (see Pecha, R.) – 717
- Wang, Ziqiang; and Vasiliki Plerou** – Wang and Plerou Reply – 1747(C)
- ____ (see Jovanović, Božidar) – 2767
- Wappler, F.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Warburton, A.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Warchol, J.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Ward, C.** (see Abe, K.) – 942
- ____ (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Ware, C.B.** (see Ambrose, D.) – 4309
- Warhaft, Zellman** (see Mydlarski, Laurent) – 4373
- Waring, A.J.** (see Lipp, M.M.) – 1650
- Warnick, P.** (see Macdonald, R.) – 4408
- Wassdahl, N.** (see Föhlisch, A.) – 1730
- Wasser, S.; A. Nowack, W. Schlabit, A. Freimuth, O.E. Kvitnitskaya, A.A. Menovsky, and C. Bruder** – Anisotropic Josephson Effects in Point Contacts between the Heavy Fermion Superconductor URu₂Si₂ and Nb – 898
- Watanabe, M.O.; T. Miyazaki, and T. Kanayama** – Deposition of Hydrogenated Si Clusters on Si(111)-(7 × 7) Surfaces – 5362
- Watanabe, N.** (see Pavlychev, A.A.) – 3623
- Watanabe, S.** (see Aitala, E.M.) – 44
- ____ (see Heike, Seiji) – 890
- Watanabe, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- ____ (see Dasgupta, B.) – 3144
- ____ (see Odaka, S.) – 2428
- Watanabe, Takao** (see Suzuki, Minoru) – 4248
- Watanabe, Y.** (see Fukuda, Y.) – 1158
- ____ (see Fukuda, Y.) – 1562
- ____ (see Fukuda, Y.) – 4279(E)
- ____ (see Shiozawa, M.) – 3319
- Watase, Y.** (see Odaka, S.) – 2428
- Watkins, G.D.** (see Chow, K.H.) – 2084
- Watt, R.** (see Murphy, T.J.) – 108
- Watt, R.G.; J. Duke, C.J. Fontes, P.L. Gobby, R.V. Hollis, R.A. Kopp, R.J. Mason, D.C. Wilson, C.P. Verdon, T.R. Boehly, J.P. Knauer, D.D. Meyerhofer, V. Smalyuk, R.P.J. Town, A. Iwase, and O. Willi** – Laser Imprint Reduction Using a Low-Density Foam Buffer as a Thermal Smoothing Layer at 351-nm Wavelength – 4644
- ____ (see Fernández, Juan C.) – 2252
- Watts, G.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Watts, J.P.; A. Usher, A.J. Matthews, M. Zhu, M. Elliott, W.G. Herrenden-Harker, P.R. Morris, M.Y. Simmons, and D.A. Ritchie** – Current Breakdown of the Fractional Quantum Hall Effect through Contactless Detection of Induced Currents – 4220
- Watts, S.J.** (see Abe, K.) – 942
- Watts, T.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Wayne, M.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Weaver, M.** (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Webb, C.L.** (see Featonby, P.D.) – 495
- Webb, R.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Webb, R.A.** (see Fournier, P.) – 4720
- Weber, Eicke R.** (see Istratov, Andrei A.) – 1243
- Weber, H.** (see Bass, S.A.) – 4092
- Weber, H.W.** (see Buntar, V.) – 3749
- Weber, J.** (see Leitch, A.W.R.) – 421
- Weber, J.M.** (see Schramm, A.) – 778
- Weber, W.** (see Oberli, D.) – 4228
- Weber-Gottschick, H.** (see Mak, C.H.) – 4533
- Webster, J.** (see Sferrazza, M.) – 5173
- Weeks, John D.; Kirill Katsov, and Katharina Vollmayr** – Roles of Repulsive and Attractive Forces in Determining the Structure of Nonuniform Liquids: Generalized Mean Field Theory – 4400
- ____ (see Liu, Da-Jiang) – 2743
- Weerasundara, D.** (see Apanasevich, L.) – 2642
- Weerts, H.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Wegscheider, W.** (see Cho, H.) – 2522
- ____ (see Kronmüller, S.) – 2526
- Wehlitz, R.; M.-T. Huang, B.D. DePaola, J.C. Levin, I.A. Sellin, T. Nagata, J.W. Cooper, and Y. Azuma** – Triple Photoionization of Lithium – 1813
- Wehmann, A.** (see Reyes, M.A.) – 4079
- Weht, Ruben; and W.E. Pickett** – Extended Moment Formation and Second Neighbor Coupling in Li₂CuO₂ – 2502
- Wei, C.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Wei, C.L.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080

- Wei, J. Y. T.; N.-C. Yeh, D. F. Garrigus, and M. Strasik** – Directional Tunneling and Andreev Reflection on $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ Single Crystals: Predominance of d -Wave Pairing Symmetry Verified with the Generalized Blonder, Tinkham, and Klapwijk Theory – 2542
- Wei, Q.-H.; C. Bechinger, D. Rudhardt, and P. Leiderer** – Experimental Study of Laser-Induced Melting in Two-Dimensional Colloids – 2606
- Wei, Y. Y.; J. Weis, K. v. Klitzing, and K. Eberl** – Edge Strips in the Quantum Hall Regime Imaged by a Single-Electron Transistor – 1674
- Weidemann, A. W.** (see Abe, K.) – 942
- Weidemüller, M.** (see Lauer, I.) – 2052
- Weidenhof, Volker** (see Ye, Gao-Xiang) – 622
- Weidenmüller, H. A.; P. von Brentano, and B. R. Barrett** – Spreading Width for Decay Out of a Superdeformed Band – 3603
 ____ (see Hackenbroich, G.) – 5896
- Weidenmüller, Hans A.** (see Mejía-Monasterio, Carlos) – 5189
- Weidinger, M.** (see Marrocco, M.) – 5784
- Weihs, Gregor; Thomas Jennewein, Christoph Simon, Harald Weinfurter, and Anton Zeilinger** – Violation of Bell's Inequality under Strict Einstein Locality Conditions – 5039
- Weimann, T.** (see Bastian, G.) – 1686
- Weinacht, T. C.; J. Ahn, and P. H. Bucksbaum** – Erratum: Measurement of the Amplitude and Phase of a Sculpted Rydberg Wave Packet [Phys. Rev. Lett. **80**, 5508 (1998)] – 3050(E)
- Weinfurter, Harald** (see Weihs, Gregor) – 5039
- Weinmann, Dietmar** (see Schmitteckert, Peter) – 2308
- Weinstein, A.** (see Prinz, A. A.) – 1175
- Weinstein, A. J.** (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Weinstein, B. A.** (see Iota, V.) – 4955
- Weinstein, L. B.** (see Onderwater, C. J. G.) – 2213
- Weis, A.** (see Kanorsky, S.) – 401
- Weis, J.** (see Kronmüller, S.) – 2526
 ____ (see Wei, Y. Y.) – 1674
- Weiss, C. O.** (see Taranenko, V. B.) – 2236
- Weiss, E. R.** (see Abe, K.) – 942
- Weiss, R. A.** (see Xie, R.) – 1251
- Weiss, W.** (see Wang, X.-G.) – 1038
- Weiss, Wolf** (see Struchtrup, Henning) – 5701(C)
- Weiss-Babai, R.** (see Aitala, E. M.) – 44
- Weissmann, Mariana** (see Guevara, Javier) – 5306
- Weissmüller, Jörg; and Hendrik Ehrhardt** – Segregation-Induced Instability of Nanocrystalline Line Compounds – 1114
- Weitering, Hanno H.** (see Erwin, Steven C.) – 2296
- Welch, P.** (see Niculescu, G.) – 1805
- Weldon, Marcus K.** (see Stefanov, Boris B.) – 3908
- Welland, M. E.** (see Cowburn, R. P.) – 5414
 ____ (see Downes, A.) – 1857
- Wellein, G.; H. Fehske, and A. P. Kampf** – Peierls Dimerization with Nonadiabatic Spin-Phonon Coupling – 3956
- Weller, D.** (see Back, C. H.) – 3251
- Wells, James D.** (see Thomas, Scott) – 34
- Welp, U.** (see Willemin, M.) – 4236
- Welsh, R. E.** (see Ambrose, D.) – 4309
 ____ (see Ambrose, D.) – 5734
- Wen, J.-M.** (see Stoldt, C. R.) – 2950
- Wen, Weijia** (see Zhou, Lei) – 1509
- Wentzcovitch, Renata M.** (see Duan, Wenhui) – 3267
- Wenzel, H.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Wermeille, D.** (see Bernhoeft, N.) – 3419
- Werner, M. J.** – Quantum Soliton Generation Using an Interferometer – 4132
- Wesson, D.** (see Reyes, M. A.) – 4079
- West, K. W.** (see Feng, X. G.) – 3219
 ____ (see Khandelwal, P.) – 673
- Westbrook, C. I.** (see Cognet, L.) – 5044
- Westbrook, N.** (see Cognet, L.) – 5044
- Wester, W. C., III** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Westervelt, R. M.** (see Johnson, K. S.) – 1137
- Wetli, E.** (see Greber, T.) – 1654
- Wetterauer, U.** (see Pusel, A.) – 645
- Weule, J.** (see Tass, P.) – 3291
- Wexler, C.; D. J. Thouless, P. Ao, and Q. Niu** – Wexler *et al.* Reply – 4277(C)
- Weygand, D. P.** (see Adams, G. S.) – 5760
- Whaley, K. B.** (see Lidar, D. A.) – 2594
- Wharton, K. B.; S. P. Hatchett, S. C. Wilks, M. H. Key, J. D. Moody, V. Yanovsky, A. A. Offenberger, B. A. Hammel, M. D. Perry, and C. Joshi** – Experimental Measurements of Hot Electrons Generated by Ultraintense ($>10^{19}$ W/cm²) Laser-Plasma Interactions on Solid-Density Targets – 822
 ____ **R. K. Kirkwood, S. H. Glenzer, K. G. Estabrook, B. B. Afeyan, B. I. Cohen, J. D. Moody, and C. Joshi** – Observation of Energy Transfer between Identical-Frequency Laser Beams in a Flowing Plasma – 2248
- Wheeler, R.** (see Krusin-Elbaum, L.) – 3948
- Whitaker, J. S.** (see Abe, K.) – 942
- White, A.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- White, C.** (see Mardor, I.) – 5085
- White, C. T.** (see Mintmire, J. W.) – 2506
- White, D.** (see Adams, G. S.) – 5760
- White, D. H.** (see Athanassopoulos, C.) – 1774
- White, J. A.** (see Valladares, Alexander) – 4903
- White, J. T.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- White, S. L.** (see Abe, K.) – 942
- White, Steven R.; and D. J. Scalapino** – Energetics of Domain Walls in the 2D t - J Model – 3227
- White-Stevens, R.** (see Kolata, J. J.) – 4580
- Whitman, L. J.** (see Laracuenta, A.) – 5177
- Whitmore, J. J.** (see Apanasevich, L.) – 2642
- Whittaker, D. M.** (see Holfeld, C. P.) – 874
- Whyte, C. G.** (see Denisov, G. G.) – 5680
- Whyte, D. G.; T. E. Evans, A. W. Hyatt, T. C. Jernigan, R. L. Lee, A. G. Kellman, P. B. Parks, R. Stockdale, and P. L. Taylor** – Rapid Inward Impurity Transport during Impurity Pellet Injection on the DIII-D Tokamak – 4392
- Wickens, F. J.** (see Abe, K.) – 942
- Wicklund, A. B.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791

AUTHOR INDEX

- ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Wicklund, E. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Wider, J. (see Greber, T.) – 1654
Widom, Mike (see Cockayne, Eric) – 598
Wiegmann, P.B. (see Abanov, A.G.) – 2112
Wielandy, S.; and Alexander L. Gaeta – Coherent Control of the Polarization of an Optical Field – 3359
Wieman, C.E. (see Hall, D.S.) – 1539
 ____ (see Hall, D.S.) – 1543
 ____ (see Hall, D.S.) – 4531(E)
 ____ (see Hall, D.S.) – 4532(E)
 ____ (see Matthews, M.R.) – 243
 ____ (see Roberts, J.L.) – 5109
Wiener, J. (see Aitala, E.M.) – 44
Wiese, U.-J. (see Campos, A.) – 2420
Wiesendanger, R. (see Bode, M.) – 4256
 ____ (see Wittneven, Chr.) – 5616
Wiesenfeld, Kurt (see Hasty, Jeff) – 1722
Wightman, J.A. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Wignall, G.D. (see Agamalian, M.) – 602
Wilamowski, Z. (see Dietl, T.) – 1535(C)
Wilde, B.H. (see Fernández, Juan C.) – 2252
Wilhelm, F. (see Bovensiepen, U.) – 2368
Wilhelm, Frank K.; Gerd Schön, and Andrei D. Zaikin – Mesoscopic Superconducting–Normal Metal–Superconducting Transistor – 1682
Wilhelm, M. (see Tracht, U.) – 2727
Wilkens, Martin – Wilkens Replies – 1534(C)
 ____ (see Javanainen, Juha) – 1345(C)
Wilkes, J. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Wilkes, R.J. (see Fukuda, Y.) – 1562
Wilkinson, Michael (see Dana, Itzhack) – 3124
Wilkinson, R. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Wilks, S.C. (see Wharton, K.B.) – 822
Wilks, Scott C. (see Liang, Edison P.) – 4887
Will, D.I. (see Vandenbosch, R.) – 1821
Willemijn, M.; A. Schilling, H. Keller, C. Rossel, J. Hofer, U. Welp, W.K. Kwok, R.J. Olsson, and G.W. Crabtree – First-Order Vortex-Lattice Melting Transition in $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ near the Critical Temperature Detected by Magnetic Torque – 4236
Willering, H.W. (see Onderwater, C.J.G.) – 2213
Willi, O. (see Borghesi, M.) – 112
 ____ (see Borghesi, M.) – 4274(C)
 ____ (see Watt, R.G.) – 4644
Williams, B. (see Abe, K.) – 942
Williams, C.D.H. (see Dodd, M.E.) – 3703
Williams, D.C. (see Abe, K.) – 942
Williams, E.A. (see Young, P.E.) – 1425
Williams, Edwin R.; Richard L. Steiner, David B. Newell, and Paul T. Olsen – Accurate Measurement of the Planck Constant – 2404
Williams, H.H. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Williams, R. (see Niculescu, G.) – 1805
Williams, R. Stanley (see Kolosov, Oleg V.) – 1046
Williams, S.H. (see Abe, K.) – 942
Williamson, S. (see Bochna, C.) – 4576
Williamson, S.E. (see Akerstaff, K.) – 5519
Willis, N. (see Tatischeff, B.) – 1347(C)
Willis, S. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Willison, John R. – Sonoluminescence: Proton-Tunneling Radiation – 5430
Willke, B. (see Heinzl, G.) – 5493
Willmann, Lorenz (see Fried, Dale G.) – 3811
 ____ (see Killian, Thomas C.) – 3807
Willocq, S. (see Abe, K.) – 942
Wills, J.M. (see Fast, Lars) – 2978
Willutzki, H.J. (see Adams, G.S.) – 5760
Wilson, A.C. (see Featonby, P.D.) – 495
Wilson, D.C. (see Watt, R.G.) – 4644
Wilson, I.H. (see Gritsenko, V.A.) – 1054
Wilson, M. (see Martin, N.L.S.) – 1199
Wilson, P. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Wilson, R. (see Alam, M.S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
Wilson, R.J. (see Abe, K.) – 942
Wimpenny, S.J. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Wineland, D.J. (see King, B.E.) – 1525
 ____ (see Turchette, Q.A.) – 3631
Winer, B.L. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748

- ____ (see Abe, F.) – 5754
- Winfield, J.** (see Grzywacz, R.) – 766
- Wingate, M.** (see Bernard, C.) – 4812
- Wingreen, Ned S.; Boris L. Altshuler, and Yigal Meir** – Erratum:
Comment on “2-Channel Kondo Scaling in Conductance Signals from
2-Level Tunneling Systems” [Phys. Rev. Lett. **75**, 769
(1995)] – 4280(E)
- Winkelmann, H.; M.M. Abd-Elmeguid, H. Micklitz, J.P. Sanchez,
C. Geibel, and F. Steglich** – Pressure-Induced Local Moment
Magnetism in the Nonmagnetic Heavy Fermion Compound
Yb₂Ni₂Al – 4947
- Winkler, K.** (see Kanorsky, S.) – 401
- Winkler, K.D.** (see Shurgalin, M.) – 4604
- Winkler, R.** (see Lu, J.P.) – 1282
- Winkler, T.** (see Seelig, P.) – 4824
- Winkler, W.** (see Heinzel, G.) – 5493
- Winn, D.** (see Abe, F.) – 1367
____ (see Abe, F.) – 1791
____ (see Abe, F.) – 2432
____ (see Abe, F.) – 4806
____ (see Abe, F.) – 5278
____ (see Abe, F.) – 5513
____ (see Abe, F.) – 5742
____ (see Abe, F.) – 5748
____ (see Abe, F.) – 5754
- Winter, H.** (see Auth, C.) – 4831
____ (see Seelig, P.) – 4824
- Winter, HP.** (see Lemell, C.) – 1965
- Wipf, H.** (see Stuhr, U.) – 1449
- Wiringa, R.B.; and R. Schiavilla** – Microscopic Calculation of ⁶Li
Elastic and Transition Form Factors – 4317
- Wirjawan, J.V.D.** (see Abbott, B.) – 38
____ (see Abbott, B.) – 524
- Wirth, G.** (see Lee, S.L.) – 5209
- Wise, F.W.** (see Olkhovets, A.) – 3539
- Wise, J.** (see Adams, G.S.) – 5760
____ (see Gornov, M.G.) – 4325
- Wise, T.** (see Ackerstaff, K.) – 5519
____ (see Meyer, H.O.) – 3096
- Wiseman, H.M.** – In-Loop Squeezing Is Like Real Squeezing to an
In-Loop Atom – 3840
____ (see Mabuchi, H.) – 4620
- Wiseman, Shai; and Eytan Domany** – Finite-Size Scaling and Lack
of Self-Averaging in Critical Disordered Systems – 22
____ (see Aharony, Amnon) – 252
- Wisniewski, W.J.** (see Abe, K.) – 942
- Wissinger, L.** (see Lu, J.P.) – 1282
- Witala, H.; W. Glöckle, D. Hüber, J. Golak, and
H. Kamada** – Cross Section Minima in Elastic *Nd* Scattering:
Possible Evidence for Three-Nucleon Force Effects – 1183
____ (see Abfalterer, W.P.) – 57
- Witala, J.** (see Spaltro, C.M.) – 2870
- Witchey, N.** (see Aitala, E.M.) – 44
- Witkowski, M.** (see Adams, G.S.) – 5760
- Witkowski, M.T.** (see Bochna, C.) – 4576
- Witowski, A.M.** (see Dietl, T.) – 1535(C)
- Witte, G.** (see Tober, E.D.) – 1897
- Witte, K.J.** (see Grabtchikov, A.S.) – 5808
- Witten, Edward** – Theta Dependence in the Large *N* Limit of
Four-Dimensional Gauge Theories – 2862
- Wittig, Hartmut** (see Philipsen, Owe) – 4056
- Wittlin, J.L.** (see Abe, K.) – 942
- Wittmer, J.P.** (see Cates, M.E.) – 1841
- Wittneven, Chr.; R. Dombrowski, M. Morgenstern, and
R. Wiesendanger** – Scattering States of Ionized Dopants Probed by
Low Temperature Scanning Tunneling Spectroscopy – 5616
- Wochner, P.** (see Trenkler, J.) – 2276
- Woerdman, J.P.** (see van der Lee, A.M.) – 5121
- Woerner, Michael; and Jagdeep Shah** – Resonant Secondary
Emission from Two-Dimensional Excitons: Femtosecond Time
Evolution of the Coherence Properties – 4208
- Wöhr, A.** (see Franchoo, S.) – 3100
- Wojcicki, S.G.** (see Ambrose, D.) – 4309
____ (see Ambrose, D.) – 5734
- Wolanski, M.** (see Meyer, H.O.) – 3096
- Wolf, A.** (see Alam, M.S.) – 3328
____ (see Anderson, S.) – 3823
____ (see Bergfeld, T.) – 272
____ (see Browder, T.E.) – 1786
- Wolf, H.** (see Abdallah, M.A.) – 3627
- Wolf, H.C.** (see Karutz, F.O.) – 140
- Wolf, J.** (see Armbruster, B.) – 520
- Wolff, M.** (see Schmitt, S.) – 2446
- Wolff, W.** (see Abdallah, M.A.) – 3627
- Wolfgang, J.** (see Houssiau, L.) – 5153
- Wölfle, P.** (see Hirschfeld, P.J.) – 4024(C)
____ (see Li, M.-R.) – 5640
____ (see Mirlin, A.D.) – 1070
- Wolin, E.** (see Aitala, E.M.) – 44
____ (see Ambrose, D.) – 4309
- Wolinski, D.** (see Abe, F.) – 1367
____ (see Abe, F.) – 1791
____ (see Abe, F.) – 2432
____ (see Abe, F.) – 4806
____ (see Abe, F.) – 5278
____ (see Abe, F.) – 5513
____ (see Abe, F.) – 5742
____ (see Abe, F.) – 5748
____ (see Abe, F.) – 5754
- Wolinski, J.** (see Abe, F.) – 1367
____ (see Abe, F.) – 1791
____ (see Abe, F.) – 2432
____ (see Abe, F.) – 4806
____ (see Abe, F.) – 5278
____ (see Abe, F.) – 5513
____ (see Abe, F.) – 5742
____ (see Abe, F.) – 5748
____ (see Abe, F.) – 5754
- Woller, K.** (see Ackerstaff, K.) – 5519
- Wolverton, C.; and Alex Zunger** – First-Principles Prediction of
Vacancy Order-Disorder and Intercalation Battery Voltages in
Li_xCoO₂ – 606
- Wolynes, P.G.** (see Portman, J.J.) – 5237
- Womersley, J.** (see Abbott, B.) – 38
____ (see Abbott, B.) – 524
- Won, E.** (see Abbott, B.) – 38
____ (see Abbott, B.) – 524
- Wong, C.C.** (see Zhang, Z.Q.) – 5540
- Wong, G.P.** (see Tseng, C.H.) – 3785
- Wong, V.K.** (see Blinov, B.B.) – 2906
- Wood, C.S.** (see King, B.E.) – 1525
____ (see Turchette, Q.A.) – 3631
- Wood, D.R.** (see Abbott, B.) – 38
____ (see Abbott, B.) – 524
- Wood, S.** (see Niculescu, G.) – 1805
- Wood, S.A.** (see Bochna, C.) – 4576
- Woodruff, D. P.** (see Pervan, P.) – 4995
- Woods, G.** (see Imamoğlu, A.) – 2836(E)
- Woods, M.** (see Abe, K.) – 942
- Word, G.B.** (see Abe, K.) – 942
- Workman, R.L.** (see Tatischeff, B.) – 1346(C)
- Works, D.** (see Athanassopoulos, C.) – 1774

AUTHOR INDEX

- Worley, J.** (see Lorenz, A.) – 361
- Worm, S.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- ____ (see Ambrose, D.) – 4309
- Wormeester, H.; E. Hüger, and E. Bauer** – Importance of the Surface Electronic Structure in Heteroepitaxy – 854
- Woutersen, Sander; Uli Emmerichs, Han-Kwang Nienhuys, and Huib J. Bakker** – Anomalous Temperature Dependence of Vibrational Lifetimes in Water and Ice – 1106
- Wozniak, G.J.** (see Beaulieu, L.) – 770
- ____ (see Phair, L.) – 4021(C)
- Wright, James S.** (see Sakai, Hirofumi) – 2217
- Wright, T.R.** (see Abe, K.) – 942
- Wu, Dong Ho; Jesse S.A. Bridgewater, Ali Gokirmak, and Steven M. Anlage** – Probability Amplitude Fluctuations in Experimental Wave Chaotic Eigenmodes with and Without Time-Reversal Symmetry – 2890
- Wu, Hongbin** (see Li, Xi) – 1909
- Wu, J.H.P.** (see Avelino, P.P.) – 2008
- Wu, J.-Y.** (see Mardor, I.) – 5085
- Wu, X.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- Wu, X.W.; and C.L. Chien** – Exchange Coupling in Ferromagnet/Antiferromagnet Bilayers with Comparable T_C and T_N – 2795
- Wu, Y.** (see Ahle, L.) – 2650
- ____ (see Tang, X.-P.) – 5358
- Wu, Y.G.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Wu, Z.** (see Alves, G.A.) – 1537(E)
- Wühl, Helmut** (see Pasler, Volker) – 1094
- Wünsche, H.-J.** (see Nickolaus, H.) – 2586
- Wuosmaa, A.H.** (see Rehm, K.E.) – 3341
- Würger, Alois** – Longitudinal Relaxation of Ferromagnetic Grains – 212
- Würthwein, F.** (see Alam, M.S.) – 3328
- ____ (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Würtz, M.** (see Seelig, P.) – 4824
- Wuttig, Matthias** (see Ye, Gao-Xiang) – 622
- Wyder, P.** (see Gordon, A.) – 2787
- ____ (see Tsoi, M.) – 493(E)
- Wynne, Shannon** (see Chen, Shiyi) – 5338
- Wysłouch, B.** (see Aggarwal, M.M.) – 4087
- Wyss, J.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806
- ____ (see Abe, F.) – 5278
- ____ (see Abe, F.) – 5513
- ____ (see Abe, F.) – 5742
- ____ (see Abe, F.) – 5748
- ____ (see Abe, F.) – 5754
- ____ (see Abe, K.) – 942
- Wzietek, P.** (see Chow, D.S.) – 3984
- Xi, D.M.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Xia, Hua; Pavel Kabos, Hong Yan Zhang, Pavel A. Kolodin, and Carl E. Patton** – Brillouin Light Scattering and Magnon Wave Vector Distributions for Microwave-Magnetic-Envelope Solitons in Yttrium-Iron-Garnet Thin Films – 449
- Xia, X.M.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Xiang, H.** (see Ahle, L.) – 2650
- Xiang, Tao** (see Panagopoulos, Christos) – 2336
- Xiao, J.H.** (see Hu, G.) – 5314
- Xiao, Jinghua; Gang Hu, Junzhong Yang, and Jihua Gao** – Controlling Turbulence in the Complex Ginzburg-Landau Equation – 5552
- Xiao, Y.** (see Athanassopoulos, C.) – 1774
- Xiaobin Zuo,** (see Hou Zhonghuai,) – 2854
- Xie, P.P.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Xie, R.; A. Karim, J.F. Douglas, C.C. Han, and R.A. Weiss** – Spinodal Dewetting of Thin Polymer Films – 1251
- Xie, Y.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Xie, Y.H.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Xin Houwen,** (see Hou Zhonghuai,) – 2854
- Xing, X.** (see Anderson, S.) – 3823
- ____ (see Bergfeld, T.) – 272
- ____ (see Browder, T.E.) – 1786
- Xiong, W.J.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Xu, C.C.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Xu, G.F.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Xu, G.H.** (see Ahle, L.) – 2650
- Xu, H.** (see Abbott, B.) – 38
- ____ (see Abbott, B.) – 524
- Xu, J.B.** (see Gritsenko, V.A.) – 1054
- Xu, Lei** (see Miranda, P.B.) – 5876
- Xu, N.** (see van Hecke, H.) – 5764
- Xue, S.T.** (see Bai, J.Z.) – 1179
- ____ (see Bai, J.Z.) – 3091
- ____ (see Bai, J.Z.) – 5080
- Yabuki, F.** (see Odaka, S.) – 2428
- Yagi, K.** (see Aggarwal, M.M.) – 4087
- ____ (see Ahle, L.) – 2650
- Yagil, A.** (see Abe, F.) – 1367
- ____ (see Abe, F.) – 1791
- ____ (see Abe, F.) – 2432
- ____ (see Abe, F.) – 4806

- ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Yagishita, A. (see Pavlychev, A. A.) – 3623
Yaguchi, Hiroshi; and John Singleton – Destruction of the Field-Induced Density-Wave State in Graphite by Large Magnetic Fields – 5193
Yahel, E.; A. Tsukernik, A. Palevski, and H. Shtrikman – Evidence for Bulk Current in Hall Bar Samples and Potential Screening in the Integer Quantum Hall Effect – 5201
Yajima, N. (see Matsunaga, H.) – 4052
Yakobson, B. I. (see Nardelli, Marco Buongiorno) – 4656
Yakovlev, D. G. (see Baiko, D. A.) – 5556
Yakushiji, K. (see Mitani, S.) – 2799
Yamada, R. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Yamada, S. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Yamada, Syoji; Tomoyuki Kikutani, Nobuyuki Aoki, Hidenobu Hori, and Gen Tatara – Magnetic Domain Dependent Quantum Transport through a Ferromagnetic Dot Embedded in a Semiconductor Quantum Wire – 5422
Yamada, T. (see Shibata, H.) – 3519
Yamada, Tomoji (see Yamazaki, Hideki) – 4112
Yamada, Y. (see Odaka, S.) – 2428
Yamada, Yasusada (see Ikeda, Susumu) – 5449
Yamagami, T. (see Matsunaga, H.) – 4052
Yamagata, T. (see Odaka, S.) – 2428
Yamaguchi, T. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Hatakeyama, S.) – 2016
 ____ (see Shiozawa, M.) – 3319
Yamamoto, A. (see Matsunaga, H.) – 4052
 ____ (see Orihara, H.) – 3607
Yamamoto, E. (see Sumiyama, A.) – 5213
Yamamoto, H. (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
Yamamoto, R. K. (see Abe, K.) – 942
Yamamoto, Ryoichi; and Akira Onuki – Heterogeneous Diffusion in Highly Supercooled Liquids – 4915
Yamamoto, T. (see Takeda, M.) – 1163
Yamamoto, Y. (see Harris, S. E.) – 3611
Yamanaka, A. (see Limonov, M. F.) – 2181(C)
Yamanaka, Masanori; Wataru Koshibae, and Sadamichi Maekawa – “Flux” State in the Double-Exchange Model – 5604
Yamartino, J. M. (see Abe, K.) – 942
Yamazaki, Hideki; Tomoji Yamada, and Shoichi Kai – Can Stochastic Resonance Lead to Order in Chaos? – 4112
Yamin, P. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Yan, C. (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
Yan, J. (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
Yan, W. G. (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
Yan, Y.; M. F. Chisholm, G. Duscher, A. Maiti, S. J. Pennycook, and S. T. Pantelides – Impurity-Induced Structural Transformation of a MgO Grain Boundary – 3675
Yan, Yanfa; Stephen J. Pennycook, and An Pang Tsai – Direct Imaging of Local Chemical Disorder and Columnar Vacancies in Ideal Decagonal Al-Ni-Co Quasicrystals – 5145
Yan, Zijun; and Jincan Chen – Comment on “New Performance Bounds for a Finite-Time Carnot Refrigerator” – 5469(C)
Yan, Zong-Chao; and G. W. F. Drake – Relativistic and QED Energies in Lithium – 774
Yanagisawa, C. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Yang, C. M. (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
Yang, C. Y. (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
Yang, Guo-Zhen (see Li, Zhi-Yuan) – 2574
Yang, J. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
Yang, J. Z. (see Hu, G.) – 5314
Yang, Junzhong (see Xiao, Jinghua) – 5552
Yang, Kwei-Chou (see He, Xiao-Gang) – 5738
Yang Lingfa, (see Hou Zhonghuai,) – 2854
Yang, T. T. (see Chu, K. R.) – 4760
Yang, U. K. (see Kim, J. H.) – 3595
Yang, W. (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
Yang, X. (see Abe, K.) – 942
Yang, X. F. (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
Yanovsky, V. (see Wharton, K. B.) – 822
Yao, H. (see Ahle, L.) – 2650
Yao, Huan (see Smith, Edward T.) – 1996
Yao, W. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Yao, Y.; Z. Hargitai, M. Albert, R. G. Albridge, A. V. Barnes, J. M. Gilligan, B. Pratt Ferguson, G. Lüpke, V. D. Gordon, N. H. Tolk, J. C. Tully, G. Betz, and W. Husinsky – New Molecular Collisional Interaction Effect in Low-Energy Sputtering – 550
Yarmoff, J. A. (see Wang, W. K.) – 1465
Yashchuk, Valeriy (see Budker, Dmitry) – 5788
Yashima, J. (see Abe, K.) – 942
Yasnikov, I. S. (see Safonov, A. I.) – 4545
Yasuda, T. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Apanasevich, L.) – 2642
Yasuoka, K. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806

AUTHOR INDEX

- ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Yau, J. B. (see Lu, J. P.) – 1282
Yayon, Y. (see Eytan, G.) – 1666
Yazaki, T.; A. Iwata, T. Maekawa, and A. Tominaga – Traveling Wave Thermoacoustic Engine in a Looped Tube – 3128
Ye, Gao-Xiang; Thomas Michely, Volker Weidenhof, Inés Friedrich, and Matthias Wuttig – Nucleation, Growth, and Aggregation of Ag Clusters on Liquid Surfaces – 622
Ye, J. (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
Ye, M. H. (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
Ye, S. W. (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
Ye, Y. X. (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
Yeazell, John A. (see Chen, Xin) – 5772
Yeh, G. P. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Yeh, N.-C. (see Wei, J. Y. T.) – 2542
Yeh, P. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Yellin, S. (see Athanassopoulos, C.) – 1774
Yellin, S. J. (see Abe, K.) – 942
Yelton, J. (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
Yenen, O. (see McLaughlin, K. W.) – 289
Yeomans, D. M. (see Spaltro, C. M.) – 2870
Yepes, P. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Yershov, A. A. (see Adams, G. S.) – 5760
Yeşilten, D.; M. Nastar, T. A. Arias, A. T. Paxton, and S. Yip – Stabilizing Role of Itinerant Ferromagnetism in Intergranular Cohesion in Iron – 2998
Yi, D. (see Aitala, E. M.) – 44
Yi, K. (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
Yin, Wei-Guo; Chang-De Gong, and P. W. Leung – Origin of the Extended Van Hove region in Cuprate Superconductors – 2534
Yip, S. (see Yeşilten, D.) – 2998
Ynzunza, R. X. (see Tober, E. D.) – 2360
Yodh, A. G. (see Verma, Ritu) – 4004
Yoh, J. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
Yokota, Y. (see Aggarwal, M. M.) – 4087
Yokoyama, Takashi; Masakuni Okamoto, and Kunio Takayanagi – Electron Waves in the π^* Surface Band of the Si(001) Surface – 3423
Yonenaga, I. (see Lim, S.-H.) – 5350
Yoneya, Tamiaki (see Jevicki, Antal) – 5072
Yoneyama, S. (see Ackerstaff, K.) – 5519
Yonezawa, Y. (see Odaka, S.) – 2428
Yonnet, J. (see Tatischeff, B.) – 1347(C)
York, James W., Jr. (see Anderson, Arlen) – 1154
Yorke, James A. (see Sauer, Timothy D.) – 4341
 ____ (see Schroer, Christian G.) – 1397
Yosef, C. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Apanasevich, L.) – 2642
Yoshida, H. (see Odaka, S.) – 2428
Yoshida, K. (see Idehara, T.) – 1973
Yoshida, M. (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 1562
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
Yoshida, S. (see Aitala, E. M.) – 44
 ____ (see Takeda, M.) – 1163
Yoshida, Shigeru; Günter Sigl, and Sangjin Lee – Extremely High Energy Neutrinos, Neutrino Hot Dark Matter, and the Highest Energy Cosmic Rays – 5505
Yoshida, T. (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
 ____ (see Matsunaga, H.) – 4052
Yoshida, Z.; H. Asakura, H. Kakuno, J. Morikawa, K. Takemura, S. Takizawa, and T. Uchida – Anomalous Resistance Induced by Chaos of Electron Motion and its Application to Plasma Production – 2458
 ____ (see Mahajan, S. M.) – 4863
Yoshié, T. (see Aoki, S.) – 1778
Yoshii, H. (see Takeda, M.) – 1163
Yoshikawa, C. (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
Yoshimura, K. (see Matsunaga, H.) – 4052
Yoshimura, Y. (see Fujisawa, A.) – 2256
Yoshinari, Y. (see Suh, B. J.) – 2791

- Yoshino, Hajime** – Aging Effects of an Elastic String Diffusing in a Disordered Media – 1493
- You, L.** (see Marinescu, M.) – 4596
- Youn, M.** (see Bhang, H.) – 4321
- Young, A.P.** (see Pich, C.) – 5916
- Young, C.C.** (see Abe, K.) – 942
- Young, D.P.** (see Gavilano, J.L.) – 5648
- Young, G.R.** (see Aggarwal, M.M.) – 4087
- Young, J.B.** (see Cho, H.) – 2522
- Young, K.** (see Fukuda, Y.) – 1158
 ____ (see Fukuda, Y.) – 4279(E)
 ____ (see Shiozawa, M.) – 3319
- Young, K.K.** (see Fukuda, Y.) – 1562
- Young, L.** (see Jung, M.) – 1596
- Young, P.E.; C.H. Still, D.E. Hinkel, W.L. Kruer, E.A. Williams, R.L. Berger, and K.G. Estabrook** – Observations of Laser-Beam Bending due to Transverse Plasma Flow – 1425
- Youngkins, Paige** (see Miller, Bruce N.) – 4794
- Youssef, S.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Yu, C.S.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Yu, C.X.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Yu, I.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Yu, J.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
 ____ (see Kim, J.H.) – 3595
- Yu, Jaejun** (see Kim, K.H.) – 4983
- Yu, Lu** (see Zhang, Guang-Ming) – 4192
- Yu, S.** (see Gorny, K.R.) – 2340
- Yu, S.M.** (see Fukuto, M.) – 3455
- Yu, Y.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Yu, Y.H.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Yu, Yi-Kuo; and H. Mathur** – Are Directed Waves Multifractal? – 3924
- Yu, Y.-K.; P.L. Taylor, and E.M. Terentjev** – Exponential Decay of Correlations in a Model for Strongly Disordered 2D Nematic Elastomers – 128
- Yu, Z.Q.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Yu, Z.T.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Yuan, C.Z.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Yuan, Y.** (see Bai, J.Z.) – 1179
 ____ (see Bai, J.Z.) – 3091
 ____ (see Bai, J.Z.) – 5080
- Yun, C.C.** (see Orihara, H.) – 3607
- Yunoki, S.; A. Moreo, and E. Dagotto** – Phase Separation Induced by Orbital Degrees of Freedom in Models for Manganites with Jahn-Teller Phonons – 5612
- Yurke, B.** (see Amblard, F.) – 1135(C)
 ____ (see Amblard, F.) – 1136(E)
- Yurke, Bernard** (see Dogterom, Marileen) – 485
- Yurko, M.** (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T.E.) – 1786
- Yurkon, J.** (see Davids, B.) – 2209
 ____ (see Navin, A.) – 5089
- Yuta, H.** (see Abe, K.) – 942
- Zabel, H.** (see Bödeker, P.) – 914
- Zabow, G.** (see Johnson, K.S.) – 1137
- Zahed, Ismail** (see Janik, Romuald A.) – 264
- Zaikin, Andrei D.** (see Golubev, Dmitrii S.) – 1074
 ____ (see Wilhelm, Frank K.) – 1682
- Zaiser, Michael** (see Hähner, Peter) – 2470
- Zajc, W.A.** (see Ahle, L.) – 2650
- Zajfman, D.** (see Levin, J.) – 3347
- Zakosarenko, V.** (see Il'ichev, E.) – 894
- Zaliznyak, I.** (see Zheludev, A.) – 5410
- Zaliznyak, R.** (see Aitala, E.M.) – 44
- Zaloj, V.; M. Urbakh, and J. Klafter** – Atomic Scale Friction: What can be Deduced from the Response to a Harmonic Drive? – 1227
- Zambelli, Francesca; and Sandro Stringari** – Quantized Vortices and Collective Oscillations of a Trapped Bose-Einstein Condensate – 1754
- Zamfir, N.V.** (see Iachello, F.) – 1191
- Zana, R.** (see Narayanan, Janaky) – 228
- Zanardi, Paolo; and Fausto Rossi** – Quantum Information in Semiconductors: Noiseless Encoding in a Quantum-Dot Array – 4752
- Zanetti, A.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Zantl, R.** (see Artzner, F.) – 5015
- Zapalac, G.** (see Abe, K.) – 942
- Zapperi, S.** (see Andrade, J.S., Jr.) – 926
- Zapperi, Stefano** (see Vespignani, Alessandro) – 5676
- Zaránd, Gergely** (see von Delft, Jan) – 196
- Zarnstorff, M.C.** (see Bell, R.E.) – 1429
- Zasadzinski, J.A.** (see Lipp, M.M.) – 1650
- Zasadzinski, J.F.** (see DeWilde, Y.) – 492(E)
- Zaslavsky, D.** (see Deych, Lev I.) – 5390
- Zavaritsky, V.N.** (see Nideröst, M.) – 3231
- Zbinden, H.** (see Tittel, W.) – 3563
- Zdarko, R.W.** (see Abe, K.) – 942
- Zeidman, B.** (see Bochna, C.) – 4576
 ____ (see Niculescu, G.) – 1805
- Zeiler, A.** (see Rogers, B.N.) – 4396
- Zeilinger, Anton** (see Weihs, Gregor) – 5039
- Zeitnitz, B.** (see Armbruster, B.) – 520
- Zelakiewicz, S.** (see Feng, X.G.) – 3219
- Zeldov, E.** (see Fuchs, D.T.) – 3944
- Zeller, A.** (see Davids, B.) – 2209
- Zeller, R.** (see Mavropoulos, Ph.) – 1505

AUTHOR INDEX

Zeng, Huai ren; and Daniele Finotello – Anisotropy-Induced Liquid-Crystal Configurational Transitions – 2703

Zetti, F. (see Abe, F.) – 1367

____ (see Abe, F.) – 1791

____ (see Abe, F.) – 2432

____ (see Abe, F.) – 4806

____ (see Abe, F.) – 5278

____ (see Abe, F.) – 5513

____ (see Abe, F.) – 5742

____ (see Abe, F.) – 5748

____ (see Abe, F.) – 5754

Zettl, A. (see Launois, P.) – 4420

Zhang, B. Y. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, C. (see Aitala, E. M.) – 44

Zhang, C. C. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, D. H. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, Da-Xin (see Huitu, Katri) – 4313

Zhang, Dehong (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, F. C. (see Li, Y. Q.) – 3527

Zhang, Guang-Ming; and Lu Yu – Anomalous Resonance of the Symmetric Single-Impurity Anderson Model in the Presence of Pairing Fluctuations – 4192

Zhang, H. L. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, Hong Yan (see Xia, Hua) – 449

Zhang, J. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, J. L. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, J. W. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, K. J. (see Li, W. B.) – 5580

Zhang, L. S. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, Nai-gong (see Henley, Christopher L.) – 5221

Zhang, Peihong; Paul E. Lammert, and Vincent H. Crespi – Plastic Deformations of Carbon Nanotubes – 5346

Zhang, Q. J. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, Qiang – Analytical Solutions of Layzer-Type Approach to Unstable Interfacial Fluid Mixing – 3391

Zhang, Raoyang (see He, Guowei) – 4636

Zhang, S.; and P. M. Levy – Magnetoresistance of Magnetic Tunnel Junctions in the Presence of a Nonmagnetic Layer – 5660

Zhang, S. Q. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, Shiwei (see Shenoy, V. B.) – 3475

Zhang, X. X. (see Tejada, J.) – 736(C)

Zhang, X. Y. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, Y. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, Y. Y. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhang, Yi-Cheng (see De Los Rios, Paolo) – 1023

Zhang, Yu Heng; Xin Jian Li, Lei Zheng, and Qian Wang Chen – Nondegrading Photoluminescence in Porous Silicon – 1710

Zhang, Z. Q.; C. C. Wong, K. K. Fung, Y. L. Ho, W. L. Chan, S. C. Kan, T. L. Chan, and N. Cheung – Observation of Localized Electromagnetic Waves in Three-Dimensional Networks Of Waveguides – 5540

Zhao, D. (see Adams, G. S.) – 5760

____ (see Gornov, M. G.) – 4325

Zhao, D. X. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhao, H. (see Rudroff, S.) – 4144

Zhao, H. W. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhao, J. W. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhao, M. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhao, W. R. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zhao, Y. G.; J. J. Li, R. Shreekala, H. D. Drew, C. L. Chen, W. L. Cao, C. H. Lee, M. Rajeswari, S. B. Ogale, R. Ramesh, G. Baskaran, and T. Venkatesan – Ultrafast Laser Induced Conductive and Resistive Transients in $\text{La}_{0.7}\text{Ca}_{0.3}\text{MnO}_3$: Charge Transfer and Relaxation Dynamics – 1310

Zhao, Z. G. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zharnitsky, Vadim – Quasiperiodic Motion in the Hamiltonian Systems of the Billiard Type – 4839

Zhdanov, V. P.; and B. Kasemo – Kinetics of Rapid Heterogeneous Reactions Accompanied by the Reshaping of Supported Catalyst Crystallites – 2482

Zheludev, A.; S. Maslov, I. Tsukada, I. Zaliznyak, L. P. Regnault, T. Masuda, K. Uchinokura, R. Erwin, and G.

Shirane – Experimental Evidence for Kaplan–Shekhtman–Entin-Wohlman–Aharony Interactions in $\text{Ba}_2\text{CuGe}_2\text{O}_7$ – 5410

Zheng, B. (see Luo, H. J.) – 180

Zheng, J. (see Alam, M. S.) – 3328

____ (see Anderson, S.) – 3823

____ (see Bergfeld, T.) – 272

____ (see Browder, T. E.) – 1786

Zheng, J. P. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zheng, L. S. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

Zheng, Lei (see Zhang, Yu Heng) – 1710

Zheng, X. (see Colby, R. H.) – 3876

Zheng, X. H. (see Carroll, D.) – 4272(C)

Zheng, Z. P. (see Bai, J. Z.) – 1179

____ (see Bai, J. Z.) – 3091

____ (see Bai, J. Z.) – 5080

- Zheng, Zhigang; Gang Hu, and Bambi Hu** – Phase Slips and Phase Synchronization of Coupled Oscillators – 5318
- Zhitnitsky, Ariel** (see Halperin, Igor) – 4071
- Zhong-can, Ou-Yang** (see Komura, Shigeyuki) – 473
- Zhou, F.; and Cristiano Biagini** – Nucleation of Superconducting Pairing States at Mesoscopic Scales at Zero Temperature – 4188
- Zhou, Fei; and Cristiano Biagini** – Anomalous Mesoscopic Fluctuations of Transport Coefficients above the Critical Temperature – 4724
- Zhou, G. J.** (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Zhou, G. P.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Zhou, H. S.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Zhou, J.** (see Abe, K.) – 942
- Zhou, L.** (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Zhou, Lei; Weijia Wen, and Ping Sheng** – Ground States of Magnetorheological Fluids – 1509
- Zhou, X.** (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Zhou, Ye** (see He, Guowei) – 4636
- Zhou, Z.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Zhu, F.** (see Ahle, L.) – 2650
- Zhu, M.** (see Watts, J. P.) – 4220
- Zhu, Q. M.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Zhu, Y. C.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Zhu, Y. S.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Zhu, Z. H.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Zhuang, B. A.** (see Bai, J. Z.) – 1179
 ____ (see Bai, J. Z.) – 3091
 ____ (see Bai, J. Z.) – 5080
- Zieliński, M.** (see Apanasevich, L.) – 2642
- Zieminska, D.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Zieminski, A.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Zienicke, E.; H. Politano, and A. Pouquet** – Variable Intensity of Lagrangian Chaos in the Nonlinear Dynamo Problem – 4640
- Zik, Ory; Zeev Olami, and Elisha Moses** – Fingering Instability in Combustion – 3868
- Zimányi, Gergely T.** (see van Otterlo, Anne) – 1497
- Zimmerman, J. A.** (see Kolata, J. J.) – 4580
- Zimmermann, C.** (see Fortagh, J.) – 5310
- Zimmerschied, F.** (see Liang, J.-Q.) – 216
- Zinamon, Zeev; and Yaakov Rosenfeld** – Electron Correlation Effects and the Equation of State of Shocked Liquid Deuterium – 4668
- Zinck, Jennifer J.** (see Gyure, Mark F.) – 4931
- Zioutas, K.** (see Avignone, F. T., III) – 5068
- Zoeller, M. M.** (see Alam, M. S.) – 3328
 ____ (see Anderson, S.) – 3823
 ____ (see Bergfeld, T.) – 272
 ____ (see Browder, T. E.) – 1786
- Zohrabian, H.** (see Ackerstaff, K.) – 5519
- Zoldi, Scott M.** – Unstable Periodic Orbit Analysis of Histograms of Chaotic Time Series – 3375
- Zoller, P.** (see Briegel, H.-J.) – 5932
 ____ (see Gardiner, C. W.) – 5266
 ____ (see Jaksch, D.) – 3108
 ____ (see Poyatos, J. F.) – 1322
- Zolotarev, Max** (see Budker, Dmitry) – 5788
- Zong, W.** (see Mannervik, S.) – 313
- Zorin, A. B.** (see Bastian, G.) – 1686
- Zorro, R.** (see Ericson, T. E. O.) – 5254(C)
- Zorzenon dos Santos, Rita Maria; and Américo T. Bernardes** – Immunization and Aging: A Learning Process in the Immune Network – 3034
- Zosi, G.** (see Balestra, F.) – 4572
- Zou, J.** (see Leon, R.) – 2486
- Zozoulenko, I. V.; and T. Lundberg** – Comment on “Wave Function Scarring Effects in Open Stadium Shaped Quantum Dots” – 1744(C)
- Zucchelli, S.** (see Abe, F.) – 1367
 ____ (see Abe, F.) – 1791
 ____ (see Abe, F.) – 2432
 ____ (see Abe, F.) – 4806
 ____ (see Abe, F.) – 5278
 ____ (see Abe, F.) – 5513
 ____ (see Abe, F.) – 5742
 ____ (see Abe, F.) – 5748
 ____ (see Abe, F.) – 5754
- Zucchiatti, A.** (see Ajaka, J.) – 1797
- Zuliani, F.** (see Marinari, E.) – 1698
- Zunger, Alex** (see Wolverton, C.) – 606
- Zuppiroli, L.** (see Bussac, M. N.) – 1678
- Zurek, W. H.** (see Cory, D. G.) – 2152
- Zushi, H.** (see Fujisawa, A.) – 2256
- Zutshi, V.** (see Apanasevich, L.) – 2642
- Zverev, E. G.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524
- Zvyagin, A. A.; and H. Johannesson** – Hidden Kondo Effect in a Correlated Electron Chain – 2751
 ____ (see Klümper, A.) – 4975
- Zwanenburg, M. J.** (see de Vries, S. A.) – 381
- Zwick, F.; H. Berger, I. Vobornik, G. Margaritondo, L. Forró, C. Beeli, M. Onellion, G. Panaccione, A. Taleb-Ibrahimi, and M. Grioni** – Spectral Consequences of Broken Phase Coherence in 1T-TaS₂ – 1058
 ____ **D. Jérôme, G. Margaritondo, M. Onellion, J. Voit, and M. Grioni** – Band Mapping and Quasiparticle Suppression in the One-Dimensional Organic Conductor TTF-TCNQ – 2974
- Zykov, V. S.; A. S. Mikhailov, and S. C. Müller** – Wave Instabilities in Excitable Media with Fast Inhibitor Diffusion – 2811
- Zylberstejn, A.** (see Abbott, B.) – 38
 ____ (see Abbott, B.) – 524