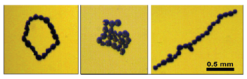
NEWSPAPER

94



Self-assembled structures formed by magnetic microparticles in an oscillating magnetic field. The ring structure on the left is energetically more favorable than a chain (right) for more than four particles, but requires overcoming a potential barrier associated with chain bending. Clusters (middle) can form from two parallel chains with opposite polarizations. See article 108002.



PHYSICAL REVIEW LETTERS

Contents

Articles published 12 March–18 March 2005

VOLUME 94, NUMBER 10 18 March 2005

General Physics: Statistical and Quantum Mechanics, Quantum Information, etc.

Open Circular Billiards and the Riemann Hypothesis 100201
L. A. Bunimovich and C. P. Dettmann
Exact Ground State and Finite-Size Scaling in a Supersymmetric Lattice Model 100401
M. Beccaria and G. F. De Angelis
Oscillations of a Bose-Einstein Condensate Rotating in a Harmonic Plus Quartic Trap 100402
M. Cozzini, A. L. Fetter, B. Jackson, and S. Stringari
Generation of Entangled States of Qudits using Twin Photons 100501
Leonardo Neves, G. Lima, J. G. Aguirre Gómez, C. H. Monken, C. Saavedra, and S. Pádua
Geometric Quantum Computation and Multiqubit Entanglement with Superconducting Qubits inside a Cavity 100502
Shi-Liang Zhu, Z. D. Wang, and Paolo Zanardi
Integration of Langevin Equations with Multiplicative Noise and the Viability of Field Theories for Absorbing Phase Transitions 100601
Ivan Dornic, Hugues Chaté, and Miguel A. Muñoz
Breakdown of an Electric-Field Driven System: A Mapping to a Quantum Walk 100602
Takashi Oka, Norio Konno, Ryotaro Arita, and Hideo Aoki

Gravitation and Astrophysics

511 keV Photons from Color Superconducting Dark Matter 101301
David H. Oaknin and Ariel R. Zhitnitsky
Consistent Discretization and Loop Quantum Geometry 101302
Rodolfo Gambini and Jorge Pullin

Elementary Particles and Fields

Search for the Decay $B^+ \to K^+ \nu\overline{\nu}$ 101801
B. Aubert *et al.* (*BABAR* Collaboration)
Search for Excited and Exotic Electrons in the $e\gamma$ Decay Channel in $p\overline{p}$ Collisions at $\sqrt{s} = 1.96$ TeV 101802
D. Acosta *et al.* (CDF Collaboration)
Measurement of the Lifetime Difference between B_s Mass Eigenstates 101803
D. Acosta *et al.* (CDF Collaboration)
Search for $\Delta S = 2$ Nonleptonic Hyperon Decays 101804
C. G. White, R. A. Burnstein, A. Chakravorty, A. Chan, Y. C. Chen, W. S. Choong, K. Clark, E. C. Dukes, C. Durandet, J. Felix, G. Gidal, P. Gu, H. R. Gustafson, C. Ho, T. Holmstrom, M. Huang, C. James, C. M. Jenkins, D. M. Kaplan, L. M. Lederman, N. Leros, M. J. Longo, F. Lopez, L. C. Lu, W. Luebke, K. B. Luk, K. S. Nelson, H. K. Park, J.-P. Perroud, D. Rajaram, H. A. Rubin, P. K. Teng, J. Volk, S. L. White, and P. Zyla (HyperCP Collaboration)

(Continued on Third Cover)

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0031-9007(20050318)94:10;1-Z

PRL 94 (10), 100201–109904, 18 March 2005 (304 total pages)

Measurement of the Michel Parameter ρ in Muon Decay 101805
J. R. Musser *et al.* (TWIST Collaboration)
Measurement of the Λ_b^0 Lifetime in the Decay $\Lambda_b^0 \to J/\psi\Lambda^0$ with the D0 Detector 102001
V. M. Abazov *et al.* (D0 Collaboration)
Dissolving $\mathcal{N} = 4$ Loop Amplitudes into QCD Tree Amplitudes 102002
Radu Roiban, Marcus Spradlin, and Anastasia Volovich
Magnetic Moment of the $\Delta(1232)$ Resonance in Chiral Effective-Field Theory 102003
Vladimir Pascalutsa and Marc Vanderhaeghen

Nuclear Physics
Globally Polarized Quark-Gluon Plasma in Noncentral $A + A$ Collisions 102301
Zuo-Tang Liang and Xin-Nian Wang
Quantum Opacity, the RHIC Hanbury Brown–Twiss Puzzle, and the Chiral Phase Transition 102302
John G. Cramer, Gerald A. Miller, Jackson M. Wu, and Jin-Hee Yoon
Hard-Loop Dynamics of Non-Abelian Plasma Instabilities 102303
Anton Rebhan, Paul Romatschke, and Michael Strickland
Nuclear Masses Set Bounds on Quantum Chaos 102501
José Barea, Alejandro Frank, Jorge G. Hirsch., and Piet Van Isacker
Fluctuations in the Level Density of a Fermi Gas 102502
P. Leboeuf, A. G. Monastra, and A. Relaño
Systematics of Quadrupolar Correlation Energies 102503
M. Bender, G. F. Bertsch, and P.-H. Heenen

Atomic, Molecular, and Optical Physics
Precise Determination of ^{6}Li Cold Collision Parameters by Radio-Frequency Spectroscopy on Weakly Bound Molecules 103201
M. Bartenstein, A. Altmeyer, S. Riedl, R. Geursen, S. Jochim, C. Chin, J. Hecker Denschlag, R. Grimm, A. Simoni, E. Tiesinga, C. J. Williams, and P. S. Julienne

Nonlinear Dynamics, Fluid Dynamics, Classical Optics, etc.
High-Repetition-Rate Grazing-Incidence Pumped X-Ray Laser Operating at 18.9 nm 103901
R. Keenan, J. Dunn, P. K. Patel, D. F. Price, R. F. Smith, and V. N. Shlyaptsev
Experimental Investigation of Local Properties and Statistics of Optical Vortices in Random Wave Fields 103902
Wei Wang, Steen G. Hanson, Yoko Miyamoto, and Mitsuo Takeda
Coherent Focusing of High Harmonics: A New Way Towards the Extreme Intensities 103903
S. Gordienko, A. Pukhov, O. Shorokhov, and T. Baeva
Design and Fabrication of Two-Dimensional Photonic Crystals with Predetermined Nonlinear Optical Properties 103904
Shin-ichiro Inoue and Yoshinobu Aoyagi

Plasma and Beam Physics
Nonlinear Dynamics of Transport Barrier Relaxations in Tokamak Edge Plasmas 105001
P. Beyer, S. Benkadda, G. Fuhr-Chaudier, X. Garbet, Ph. Ghendrih, and Y. Sarazin
Inductive Current Density Perturbations to Probe Electron Internal Transport Barriers in Tokamaks 105002
O. Sauter, S. Coda, T. P. Goodman, M. A. Henderson, R. Behn, A. Bottino, E. Fable, An. Martynov, P. Nikkola, and C. Zucca (the TCV Team)
Influence of the Dynamic Ergodic Divertor on the Density Limit in TEXTOR 105003
Y. Liang, H. R. Koslowski, F. A. Kelly, M. Z. Tokar, X. Loozen, G. Bertschinger, W. Biel, K. H. Finken, M. W. Jakubowski, A. Krämer-Flecken, O. Zimmermann, M. Lehnen, G. Sergienko, and R. C. Wolf (TEXTOR Team)

Condensed Matter: Structure, etc.
Theoretical Support for Buckyonions as Carriers of the UV Interstellar Extinction Feature 105501
A. Ruiz, J. Bretón, and J. M. Llorente

(Continued on Preceding Page)

Solidification of Gold Nanoparticles in Carbon Nanotubes 105502
S. Arcidiacono, J. H. Walther, D. Poulikakos, D. Passerone, and P. Koumoutsakos
Microrheology from Rotational Diffusion of Colloidal Particles 106001
Efrén Andablo-Reyes, Pedro Díaz-Leyva, and José Luis Arauz-Lara
Bonding Configurations and Collective Patterns of Ge Atoms Adsorbed on **Si**(111)-(7 × 7) 106101
Y. L. Wang, H.-J. Gao, H. M. Guo, Sanwu Wang, and Sokrates T. Pantelides

Condensed Matter: Electronic Properties, etc.

Charge-Order Pattern of the Low-Temperature Phase from a Monoclinic Single Domain of NaV_2O_5 Uniquely Determined by Resonant X-Ray Scattering 106401
Kenji Ohwada, Yasuhiko Fujii, Yuya Katsuki, Jiro Muraoka, Hironori Nakao, Youichi Murakami, Hiroshi Sawa, Emi Ninomiya, Masahiko Isobe, and Yutaka Ueda
Self-Energy Correction to Momentum-Density Distribution of Positron-Electron Pairs 106402
Z. Tang, Y. Nagai, K. Inoue, T. Toyama, T. Chiba, M. Saito, and M. Hasegawa
One-Dimensional Multiband Correlated Conductors and Anderson Impurity Physics 106403
Michele Fabrizio and Erio Tosatti
Landau Quantization Effects in the Charge-Density-Wave System $(Per)_2M(mnt)_2$ (where M = Au and Pt) 106404
R. D. McDonald, N. Harrison, J. Singleton, A. Bangura, P. A. Goddard, A. P. Ramirez, and X. Chi
Electron-Hole Duality and Vortex Rings in Quantum Dots 106405
M. Manninen, S. M. Reimann, M. Koskinen, Y. Yu, and M. Toreblad
Controlled and Reproducible Domain Wall Displacement by Current Pulses Injected into Ferromagnetic Ring Structures 106601
M. Kläui, C. A. Vaz, J. A. Bland, W. Wernsdorfer, G. Faini, E. Cambril, L. J. Heyderman, F. Nolting, and U. Rüdiger
Spin Hall Current Driven by Quantum Interferences in Mesoscopic Rashba Rings 106602
Satofumi Souma and Branislav K. Nikolić
Conductance of a Perfect Thin Film with Diffuse Surface Scattering 106801
Gerd Bergmann
Low-Temperature Susceptibility of the Noncentrosymmetric Superconductor $CePt_3Si$ 107001
D. P. Young, M. Moldovan, X. S. Wu, P. W. Adams, and Julia Y. Chan
Pronounced Enhancement of the Lower Critical Field and Critical Current Deep in the Superconducting State of $PrOs_4Sb_{12}$ 107002
T. Cichorek, A. C. Mota, F. Steglich, N. A. Frederick, W. M. Yuhasz, and M. B. Maple
Orbital Dependence of the Fermi Liquid State in Sr_2RuO_4 107003
T. E. Kidd, T. Valla, A. V. Fedorov, P. D. Johnson, R. J. Cava, and M. K. Haas
Nonequilibrium Quasiparticle Relaxation in the Vortex State of $La_{2-x}Sr_xCuO_4$ 107004
G. Bianchi, C. Chen, M. Nohara, H. Takagi, and J. F. Ryan
Spectroscopic Evidence for Multiple Order Parameter Components in the Heavy Fermion Superconductor $CeCoIn_5$. 107005
P. M. Rourke, M. A. Tanatar, C. S. Turel, J. Berdeklis, C. Petrovic, and J. Y. Wei
Magnetic Fluctuations of Stripes in the High Temperature Cuprate Superconductors 107006
G. Seibold and J. Lorenzana
Effect of Vortex-Antivortex Fluctuations on the Heat Capacity of a Type-II Superconducting Film 107007
Yu. N. Ovchinnikov and A. A. Varlamov
Possible Field-Tuned Superconductor-Insulator Transition in High-T_c Superconductors: Implications for Pairing at High Magnetic Fields 107008
M. A. Steiner, G. Boebinger, and A. Kapitulnik
Large Magnetic Field-Induced Spectral Weight Enhancement of High-Energy Spin Excitations in $La_{1.88}Sr_{0.12}CuO_4$ 107009
L. H. Machtoub, B. Keimer, and K. Yamada
Helimagnetism of Fe: High Pressure Study of an Y_2Fe_{17} Single Crystal 107201
O. Prokhnenko, J. Kamarád, K. Prokeš, Z. Arnold, and A. V. Andreev
ac-Driven Double Quantum Dots as Spin Pumps and Spin Filters 107202
Ernesto Cota, Ramón Aguado, and Gloria Platero

(Continued on Preceding Page)

Direct Imaging of Asymmetric Magnetization Reversal in Exchange-Biased **Fe/MnPd** Bilayers by X-Ray Photoemission Electron Microscopy 107203
P. Blomqvist, Kannan M. Krishnan, and H. Ohldag
Shape of Temperature Dependence of Spontaneous Magnetization of Ferromagnets: Quantitative Analysis 107204
M. D. Kuz'min
Selective Photoswitching of the Binuclear Spin Crossover Compound $\{[Fe(bt)(NCS)_2]_2(bpm)\}$ into Two Distinct Macroscopic Phases 107205
N. Ould Moussa, G. Molnár, S. Bonhommeau, A. Zwick, S. Mouri, K. Tanaka, J. A. Real, and A. Bousseksou
Teleportation of Electronic Many-Qubit States Encoded in the Electron Spin of Quantum Dots via Single Photons 107401
Michael N. Leuenberger, Michael E. Flatté, and D. D. Awschalom
Chain Conformations and Photoluminescence of Poly(di-*n*-octylfluorene) 107402
W. Chunwaschirasiri, B. Tanto, D. L. Huber, and M. J. Winokur
Smearing of Phase Transition due to a Surface Effect or a Bulk Inhomogeneity in Ferroelectric Nanostructures 107601
A. M. Bratkovsky and A. P. Levanyuk
Surface-Stimulated Nucleation of Reverse Domains in Ferroelectrics 107602
G. Gerra, A. K. Tagantsev, and N. Setter

Soft Matter, Biological, and Interdisciplinary Physics

Enhanced Elasticity and Soft Glassy Rheology of a Smectic in a Random Porous Environment 107801
Ranjini Bandyopadhyay, Dennis Liang, Ralph H. Colby, James L. Harden, and Robert L. Leheny
Deuterium NMR Investigation of the Biaxial Nematic Phase in an Organosiloxane Tetrapode 107802
J. L. Figueirinhas, C. Cruz, D. Filip, G. Feio, A. C. Ribeiro, Y. Frère, T. Meyer, and G. H. Mehl
Relation between the High Density Phase and the Very-High Density Phase of Amorphous Solid Water 107803
Nicolas Giovambattista, H. Eugene Stanley, and Francesco Sciortino
Universal Power-Law Decay of the Impulse Energy in Granular Protectors 108001
Jongbae Hong
Structure Formation in Electromagnetically Driven Granular Media 108002
A. Snezhko, I. S. Aranson, and W.-K. Kwok
Short-Range Spectroscopic Ruler Based on a Single-Molecule Optical Switch 108101
Mark Bates, Timothy R. Blosser, and Xiaowei Zhuang
Filament Depolymerization by Motor Molecules 108102
Gernot A. Klein, Karsten Kruse, Gianaurelio Cuniberti, and Frank Jülicher
Preference of Sensory Neural Coding for $1/f$ Signals 108103
Yuguo Yu, Richard Romero, and Tai Sing Lee
Theory of Mitotic Spindle Oscillations 108104
Stephan W. Grill, Karsten Kruse, and Frank Jülicher
Earthquakes Descaled: On Waiting Time Distributions and Scaling Laws 108501
Mattias Lindman, Kristin Jonsdottir, Roland Roberts, Björn Lund, and Reynir Bödvarsson

Errata

Publisher's Note: Dissociation of Vortex Stacks into Fractional-Flux Vortices [Phys. Rev. Lett. **94**, 097001 (2005)] 109901
A. De Col, V. B. Geshkenbein, and G. Blatter
Erratum: Distribution of Film Orientations in Free and Strained Foams [Phys. Rev. Lett. **89**, 278302 (2002)] 109902
M. A. Fortes, P. I. Teixeira, and M. Fátima Vaz
Erratum: TeV Neutrinos from Core Collapse Supernovae and Hypernovae [Phys. Rev. Lett. **93**, 181101 (2004)] 109903
Soebur Razzaque, Peter Mészáros, and Eli Waxman
Publisher's Note: Neutron Spectroscopic Factors in ^{9}Li from ^{2}H(^{8}Li, p)^{9}Li [Phys. Rev. Lett. **94**, 082502 (2005)] 109904
A. H. Wuosmaa, K. E. Rehm, J. P. Greene, D. J. Henderson, R. V. Janssens, C. L. Jiang, L. Jisonna, E. F. Moore, R. C. Pardo, M. Paul, D. Peterson, Steven C. Pieper, G. Savard, J. P. Schiffer, R. E. Segel, S. Sinha, X. Tang, and R. B. Wiringa

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