



STM conductance images of quantum well states along an 11-atom Au chain on a NiAl substrate (top). The bottom images show how these states are disturbed when the chain absorbs a CO molecule, which disrupts the delocalization of electron-density waves in the chain. See article 186102.

PHYSICAL REVIEW LETTERS

Contents

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VOLUME 90, NUMBER 18

9 MAY 2003

General Physics

Beliaev Damping and Kelvin Mode Spectroscopy of a Bose-Einstein Condensate in the Presence of a Vortex Line T. Mizushima, M. Ichioka, and K. Machida	180401
Metropolis Importance Sampling for Rugged Dynamical Variables Bernd A. Berg	180601
Single-file Diffusion of Atomic and Colloidal Systems: Asymptotic Laws Markus Kollmann	180602

Gravitation and Astrophysics

Long-Term Evolution of Stellar Self-Gravitating Systems Away from Thermal Equilibrium: Connection with Nonextensive Statistics Atsushi Taruya and Masa-aki Sakagami	181101
Decay of High-Energy Astrophysical Neutrinos John F. Beacom, Nicole F. Bell, Dan Hooper, Sandip Pakvasa, and Thomas J. Weiler	181301

Elementary Particles and Fields

Measurement of the Cabibbo-Kobayashi-Maskawa Matrix Element $ V_{ub} $ with $B \rightarrow \rho e \nu$ Decays B. Aubert <i>et al.</i> (BABAR Collaboration)	181801
Branching Fractions of τ Leptons to Three Charged Hadrons R. A. Briere <i>et al.</i> (CLEO Collaboration)	181802
Study of the Rare Decays $B^0 \rightarrow D_s^{(*)+} \pi^-$ and $B^0 \rightarrow D_s^{(*)-} K^+$ B. Aubert <i>et al.</i> (BABAR Collaboration)	181803
Improved Limits on $\bar{\nu}_e$ Emission from μ^+ Decay B. Armbruster, G. Drexlin, K. Eitel, T. Jannakos, J. Kleinfeller, R. Maschuw, C. Oehler, P. Plischke, J. Reichenbacher, M. Steidl, B. Zeitnitz, H. Gemmeke, M. Kleifges, C. Eichner, C. Ruf, B. A. Bodmann, E. Finckh, J. Höbl, P. Jünger, W. Kretschmer, J. Wolf, N. E. Booth, I. M. Blair, and J. A. Edgington	181804
Gluonic Excitation of the Three-Quark System in SU(3) Lattice QCD Toru T. Takahashi and Hideo Suganuma	182001
Anisotropic Admixture in Color-Superconducting Quark Matter Michael Buballa, Jiří Hošek, and Micaela Oertel	182002

Atomic, Molecular, and Optical Physics

Production of Energetic Electrons in the Process of Photodetachment of F^- Igor Yu. Kiyan and Hanspeter Helm	183001
Virtual-State Formation in Positron Scattering from Vibrating Molecules: A Gateway to Annihilation Enhancement Tamio Nishimura and Franco A. Gianturco	183201
Spin-Orbit Quenching of Positronium during Atomic Collisions J. Mitroy and S. A. Novikov	183202

(Continued on Third Cover)

Contents (Continued)

How to Measure the Phase Diffusion Dynamics in the Micromaser	183601
F. Casagrande, A. Ferraro, A. Lulli, R. Bonifacio, E. Solano, and H. Walther	
Nonlinear Dynamics, Fluid Dynamics, Classical Optics, etc.	
Spatial Weak-Light Solitons in an Electromagnetically Induced Nonlinear Waveguide	183901
Tao Hong	
Controlling Cohesive Particle Mixing and Segregation	184301
Hongming Li and J.J. McCarthy	
Speckle Visibility Spectroscopy and Variable Granular Fluidization	184302
P.K. Dixon and D.J. Durian	
Fracture of a Viscous Liquid	184501
Élise Lorenceau, Frédéric Restagno, and David Quéré	
Plasma and Beam Physics	
Observation of Nonlinear Frequency-Sweeping Suppression with rf Diffusion	185001
D. Maslovsky, B. Levitt, and M.E. Mauel	
Plasma Expansion into a Vacuum	185002
P. Mora	
Weakly Nonlinear Theory for the Ablative Rayleigh-Taylor Instability	185003
J. Garnier, P.-A. Raviart, C. Cherfils-Clérouin, and L. Masse	
Analytic Solutions to the Vlasov Equations for Expanding Plasmas	185004
V.F. Kovalev and V.Yu. Bychenkov	
Quiet-Time Statistics of Electrostatic Turbulent Fluxes from the JET Tokamak and the W7-AS and TJ-II Stellarators	185005
R. Sánchez, B.Ph. van Milligen, D.E. Newman, and B.A. Carreras	
Zonal Flows and Transient Dynamics of the <i>L-H</i> Transition	185006
Eun-jin Kim and P.H. Diamond	
Condensed Matter: Structure, etc.	
Bound States of ^3He at the Edge of a ^4He Drop on a Cesium Surface	185301
R. Mayol, M. Barranco, E.S. Hernández, M. Pi, and M. Guilleumas	
Identification of the Relative Distribution of Rare-Earth Ions in Phosphate Glasses	185501
Richard A. Martin, Philip S. Salmon, Henry E. Fischer, and Gabriel J. Cuello	
Extreme Superheating and Supercooling of Encapsulated Metals in Fullerenelike Shells	185502
F. Banhart, E. Hernández, and M. Terrones	
X-Ray Scattering from Freestanding Polymer Films with Geometrically Curved Surfaces	185503
D.R. Lee, K. Shin, O.H. Seeck, Hyunjung Kim, Y.-S. Seo, M. Tolan, M.H. Rafailovich, J. Sokolov, and S.K. Sinha	
Absence of $2k_F$ Splitting in the Diffuse Scattering from Cu_3Au at the (001) Surface	185504
H. Reichert, O. Klein, V. Bugaev, O. Shchyglo, A. Udyanskyy, H. Dosch, and K.F. Peters	
Solvent-Induced Symmetry Breaking	185505
F.S. Zhang and R.M. Lynden-Bell	
Self-Limiting Size Distribution of Supported Cobalt Nanoclusters at Room Temperature	185506
Shangjr Gwo, Chung-Pin Chou, Chung-Lin Wu, Yi-Jen Ye, Shu-Ju Tsai, Wen-Chin Lin, and Minn-Tsong Lin	
Hydrogen Incorporation in Diamond: The Nitrogen-Vacancy-Hydrogen Complex	185507
Claire Glover, M.E. Newton, P. Martineau, D.J. Twitchen, and J.M. Baker	
Is There a Glass Transition in Planar Vortex Systems?	185701
Thorsten Emig and Simon Bogner	
Transition Structure at the $\text{Si}(100)\text{-SiO}_2$ Interface	186101
Angelo Bongiorno, Alfredo Pasquarello, Mark S. Hybertsen, and L.C. Feldman	
Localized Molecular Constraint on Electron Delocalization in a Metallic Chain	186102
N. Nilius, T.M. Wallis, and W. Ho	
Reactive Wetting: $\text{H}_2\text{O}/\text{Rh}(111)$	186103
Peter J. Feibelman	

(Continued on Preceding Page)

Contents (Continued)

Condensed Matter: Electronic Properties, etc.

Broken Time-Reversal Symmetry in Strongly Correlated Ladder Structures	186401
U. Schollwöck, Sudip Chakravarty, J.O. Fjærestad, J.B. Marston, and M. Troyer	
Impurity Absorption Spectroscopy in ^{28}Si : The Importance of Inhomogeneous Isotope Broadening	186402
D. Karaiskaj, J.A.H. Stotz, T. Meyer, M.L.W. Thewalt, and M. Cardona	
Prominent Quasiparticle Peak in the Photoemission Spectrum of the Metallic Phase of V_2O_3	186403
S.-K. Mo, J.D. Denlinger, H.-D. Kim, J.-H. Park, J.W. Allen, A. Sekiyama, A. Yamasaki, K. Kadono, S. Suga, Y. Saitoh, T. Muro, P. Metcalf, G. Keller, K. Held, V. Eyert, V.I. Anisimov, and D. Vollhardt	
Electronic Structure of Oxygen Dangling Bond in Glassy SiO_2 : The Role of Hyperconjugation	186404
Takenobu Suzuki, Linards Skuja, Koichi Kajihara, Masahiro Hirano, Toshio Kamiya, and Hideo Hosono	
Quantum Phase Transition in Quasi-One-Dimensional $\text{BaRu}_6\text{O}_{12}$	186601
Z.Q. Mao, T. He, M.M. Rosario, K.D. Nelson, D. Okuno, B. Ueland, I.G. Deac, P. Schiffer, Y. Liu, and R.J. Cava	
Resonant Inversion of Tunneling Magnetoresistance	186602
E. Y. Tsymbal, A. Sokolov, I.F. Sabirianov, and B. Doudin	
Optical Detection of the Aharonov-Bohm Effect on a Charged Particle in a Nanoscale Quantum Ring	186801
M. Bayer, M. Korkusinski, P. Hawrylak, T. Gutbrod, M. Michel, and A. Forchel	
Hexagonal and Square Flux Line Lattices in CeCoIn_5	187001
Morten Ring Eskildsen, Charles D. Dewhurst, Bart W. Hoogenboom, Cedimir Petrovic, and Paul C. Canfield	
Weak-Field Thermal Hall Conductivity in the Mixed State of d -Wave Superconductors	187002
Adam C. Durst, Ashvin Vishwanath, and Patrick A. Lee	
ab Plane ac Conductivity in the Cuprates: Pseudogap Effects below T_c	187003
Andrew Iyengar, Jelena Stajic, Ying-Jer Kao, and K. Levin	
Increasing d -Wave Superconductivity by On-Site Repulsion	187004
E. Plekhanov, S. Sorella, and M. Fabrizio	
Soft X-Ray Resonant Magnetic Diffraction	187201
S.B. Wilkins, P.D. Hatton, M.D. Roper, D. Prabhakaran, and A.T. Boothroyd	
Carbon Nanowire Made of a Long Linear Carbon Chain Inserted Inside a Multiwalled Carbon Nanotube	187401
Xinluo Zhao, Yoshinori Ando, Yi Liu, Makoto Jinno, and Tomoko Suzuki	
Dynamic Exchange Coupling in Magnetic Bilayers	187601
Bret Heinrich, Yaroslav Tserkovnyak, Georg Woltersdorf, Arne Brataas, Radovan Urban, and Gerrit E.W. Bauer	

Interdisciplinary Physics: Biological Physics, Quantum Information, etc.

Energy Landscape Theory, Funnels, Specificity, and Optimal Criterion of Biomolecular Binding	188101
Jin Wang and Gennady M. Verkhivker	
Fitness Distributions in Exponentially Growing Asexual Populations	188102
Susanna C. Manrubia, Ester Lázaro, Juan Pérez-Mercader, Cristina Escarmís, and Esteban Domingo	
Counterion Distribution around DNA Probed by Solution X-Ray Scattering	188103
R. Das, T.T. Mills, L.W. Kwok, G.S. Maskel, I.S. Millett, S. Doniach, K.D. Finkelstein, D. Herschlag, and L. Pollack	
Electron Attachment to Uracil: Effective Destruction at Subexcitation Energies	188104
G. Hanel, B. Gstyr, S. Denifl, P. Scheier, M. Probst, B. Farizon, M. Farizon, E. Illenberger, and T.D. Märk	
Microstructure and Dynamics near an Attractive Colloidal Glass Transition	188301
D. Pontoni, T. Narayanan, J.-M. Petit, G. Grübel, and D. Beysens	
Simple Chemomechanical Process for Self-Generation of Rhythms and Forms	188302
J. Boissonade	
Power-Law Time Distribution of Large Earthquakes	188501
Mirko S. Mega, Paolo Allegrini, Paolo Grigolini, Vito Latora, Luigi Palatella, Andrea Rapisarda, and Sergio Vinciguerra	

Comments

Singularities and Spatial Fluctuations in Submonolayer Epitaxy	189601
D.D. Vvedensky, C. Ratsch, F. Gibou, and R. Vardavas	

(Continued on Preceding Page)

Contents (Continued)

Amar, Popescu, and Family Reply	189602
J.G. Amar, M.N. Popescu, and F. Family	
Comment on “Freezing by Heating in a Driven Mesoscopic System”	189603
Leo Radzihovsky and Noel A. Clark	
Comment on “Total Energy Method from Many-Body Formulation”	189701
M. Fuchs, K. Burke, Y.-M. Niquet, and X. Gonze	
Aryasetiawan, Miyake, and Terakura Reply	189702
F. Aryasetiawan, T. Miyake, and K. Terakura	

Errata

Erratum: Structural Transformation Induced by Magnetic Field and “Colossal-Like” Magnetoresistance Response above 313 K in MnAs [Phys. Rev. Lett. 90 , 097203 (2003)]	189901
J. Mira, F. Rivadulla, J. Rivas, A. Fondado, T. Guidi, R. Caciuffo, F. Carsughi, P.G. Radaelli, and J.B. Goodenough	