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**CONDENSED MATTER  
AND MATERIALS PHYSICS**

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**HIGHLIGHTED ARTICLES**

**Editors' Suggestion**

*Critical exponents and intrinsic broadening of the field-induced transition*

*in  $\text{NiCl}_2 \cdot 4\text{SC}(\text{NH}_2)_2$*

E. Wulf, D. Hübner, R. Schönemann, H. Kühne, T. Herrmannsdörfer, I. Glavatskiy, S. Gerischer, K. Kiefer, S. Gvasaliya, and A. Zheludev  
014406 (2015)

**Editors' Suggestion**

*Valence-specific magnetization of the charge-ordered multiferroelectric  $\text{LuFe}_2\text{O}_4$  using soft x-ray magnetic circular dichroism under 30 T pulsed high magnetic fields*

Yasuo Narumi, Tetsuya Nakamura, Kota Saito, Takayuki Morioka, Yukimasa Fukada, Takashi Kambe, Naoshi Ikeda, Yoshinori Kotani, Toyohiko Kinoshita, Koichi Kindo, and Hiroyuki Nojiri  
014410 (2015)

**Editors' Suggestion**

*Flux cutting in high- $T_c$  superconductors*

V. Vlasko-Vlasov, A. Koshelev, A. Glatz, C. Phillips, U. Welp, and W. Kwok  
014516 (2015)

**ARTICLES**

**Structure, structural phase transitions, mechanical properties, defects**

*Rippling, buckling, and melting of single- and multilayer  $\text{MoS}_2$*

Sandeep Kumar Singh, M. Neek-Amal, S. Costamagna, and F. M. Peeters  
014101 (2015)

*Stable structures of He and  $\text{H}_2\text{O}$  at high pressure*

Hanyu Liu, Yansun Yao, and Dennis D. Klug  
014102 (2015)

*Assessment of phase-field-crystal concepts using long-time molecular dynamics*

K. L. Baker and W. A. Curtin  
014103 (2015)

*Compositional behavior of Raman-active phonons in  $\text{Pb}(\text{Zr}_{1-x}\text{Ti}_x)\text{O}_3$  ceramics*

E. Buixaderas, I. Gregora, M. Savinov, J. Hlinka, Li Jin (靳立), D. Damjanovic, and B. Malic  
014104 (2015)

*Electric dipole sheets in  $\text{BaTiO}_3/\text{BaZrO}_3$  superlattices*

Zhijun Jiang, Bin Xu, Fei Li, Dawei Wang, and C.-L. Jia  
014105 (2015)

*Enhanced plasticity of silica glass at high pressure*

Daisuke Wakabayashi, Nobumasa Funamori, and Tomoko Sato  
014106 (2015)

*Ginzburg-Landau theory of the bcc-liquid interface kinetic coefficient*

Kuo-An Wu, Ching-Hao Wang, Jeffrey J. Hoyt, and Alain Karma  
014107 (2015)

*Localization and adiabatic pumping in a generalized Aubry-André-Harper model*

Fangli Liu, Somnath Ghosh, and Y. D. Chong  
014108 (2015)

*Complex vibrations in arsenide skutterudites and oxyskutterudites*

F. Bridges, B. Car, L. Sutton, M. Hoffman-Stapleton, T. Keiber, R. E. Baumbach, M. B. Maple, Z. Henkie, and R. Wawryk  
014109 (2015)

*Application of the bounds-analysis approach to arsenic and gallium antisite defects in gallium arsenide*

A. F. Wright and N. A. Modine  
014110 (2015)

**Inhomogeneous, disordered, and partially ordered systems**

*Interacting tunneling model for two-level systems in amorphous materials and its predictions for their dephasing and noise in superconducting microresonators*

Lara Faoro and Lev B. Ioffe  
014201 (2015)

*Helical Majorana surface states of strongly disordered topological superconductors with time-reversal symmetry*

Raquel Queiroz and Andreas P. Schnyder  
014202 (2015)

**Dynamics, dynamical systems, lattice effects**

*Applications of the generalized Langevin equation: Towards a realistic description of the baths*

H. Ness, L. Stella, C. D. Lorenz, and L. Kantorovich  
014301 (2015)

*Near-field radiative thermal transfer between a nanostructured periodic material and a planar substrate*

Hamidreza Chalabi, Erez Hasman, and Mark L. Brongersma  
014302 (2015)

*Electronic structure and lattice dynamics in the  $FeSb_3$  skutterudite from density functional theory*

Mikael Råsander, Lars Bergqvist, and Anna Delin  
014303 (2015)

*Diffusion of fluorine on and between graphene layers*

A. Sadeghi, M. Neek-Amal, G. R. Berdiyrov, and F. M. Peeters  
014304 (2015)

*Low-energy phonon dispersion in  $LaFe_4Sb_{12}$*

Michael Marek Koza, Martin Boehm, Erik Sischka, Walter Schnelle, Hannu Mutka, and Andreas Leithe-Jasper  
014305 (2015)

*Accurate atomistic first-principles calculations of electronic stopping*

André Schleife, Yosuke Kanai, and Alfredo A. Correa  
014306 (2015)

*Phonon anharmonicity in silicon from 100 to 1500 K*

D. S. Kim, H. L. Smith, J. L. Niedziela, C. W. Li, D. L. Abernathy, and B. Fultz  
014307 (2015)

*Construction of a thermodynamic potential for the water ices VII and X*

Martin French and Ronald Redmer  
014308 (2015)

## **Magnetism**

*Spin Hall effect and irreversible thermodynamics: Center-to-edge transverse current-induced voltage*

Wayne M. Saslow  
014401 (2015)

*Coupling between an incommensurate antiferromagnetic structure and a soft ferromagnet in the archetype multiferroic  $BiFeO_3$ /cobalt system*

Marta Elzo, Reda Moubah, Camille Blouzon, Maurizio Sacchi, Stéphane Grenier, Rachid Belkhou, Sarnjeet Dhesi, Dorothée Colson, Felipe Torres, Miguel Kiwi, Michel Viret, and Nicolas Jaouen  
014402 (2015)

*Modulated spin structure responsible for the magnetic-field-induced polarization switching in multiferroic  $TbMn_2O_5$*

Jung-Hoon Lee and Hyun Myung Jang  
014403 (2015)

*Exploring the magnetic phase diagram of dysprosium with neutron diffraction*

J. Yu, P. R. LeClair, G. J. Mankey, J. L. Robertson, M. L. Crow, and W. Tian  
014404 (2015)

*Space-group symmetry fractionalization in a family of exactly solvable models with  $Z_2$  topological order*

Hao Song and Michael Hermele  
014405 (2015)

**Editors' Suggestion**

*Critical exponents and intrinsic broadening of the field-induced transition in  $NiCl_2 \cdot 4SC(NH_2)_2$*

E. Wulf, D. Hüvonen, R. Schönemann, H. Kühne, T. Herrmannsdörfer, I. Glavatskyy, S. Gerischer, K. Kiefer, S. Gvasaliya, and A. Zheludev  
014406 (2015)

*Magnetic structure and anisotropy of  $[Co/Pd]_5/NiFe$  multilayers*

Larysa Tryputen, Feng Guo, Frank Liu, T. N. Anh Nguyen, Majid S. Mohseni, Sunjae Chung, Yeyu Fang, Johan Åkerman, R. D. McMichael, and Caroline A. Ross  
014407 (2015)

*Interlayer exchange coupling between FeCo and Co ultrathin films through Rh(001) spacers*

S. Blizak, G. Bihlmayer, S. Blügel, and S. E. H. Abaidia  
014408 (2015)

*Why the Co-based 115 compounds are different: The case study of  $GdMIn_5$  ( $M=Co, Rh, Ir$ )*

Jorge I. Facio, D. Betancourth, Pablo Pedrazzini, V. F. Correa, V. Vildosola, D. J. García, and Pablo S. Cornaglia  
014409 (2015)

**Editors' Suggestion**

*Valence-specific magnetization of the charge-ordered multiferroelectric  $LuFe_2O_4$  using soft x-ray magnetic circular dichroism under 30 T pulsed high magnetic fields*

Yasuo Narumi, Tetsuya Nakamura, Kota Saito, Takayuki Morioka, Yukimasa Fukada, Takashi Kambe, Naoshi Ikeda, Yoshinori Kotani, Toyohiko Kinoshita, Koichi Kindo, and Hiroyuki Nojiri  
014410 (2015)

*Spin-transfer-driven nano-oscillators are equivalent to parametric resonators*

Alejandro O. León and Marcel G. Clerc  
014411 (2015)

*Pressure dependence of the exchange anisotropy in an organic ferromagnet*

Komalavalli Thirunavukkuarasu, Stephen M. Winter, Christopher C. Beedle, Alexey E. Kovalev, Richard T. Oakley, and Stephen Hill  
014412 (2015) – Published 12 January 2015

*Magnetoresistance of Mn-decorated topological line defects in graphene*

J. T. Obodo, M. Upadhyay Kahaly, and U. Schwingenschlögl  
014413 (2015) – Published 13 January 2015

*Mechanisms for the symmetric and antisymmetric switching of a magnetic vortex core: Differences and common aspects*

Matthias Noske, Hermann Stoll, Manfred Fähnle, Riccardo Hertel, and Gisela Schütz  
014414 (2015) – Published 14 January 2015

*Replica symmetry breaking in cold atoms and spin glasses*

P. Rotondo, E. Tesio, and S. Caracciolo  
014415 (2015) – Published 14 January 2015

*Specular reflection of spin-polarized electrons from the W(001) spin-filter crystal in a large range of scattering energies and angles*

D. Kutnyakhov, H. J. Elmers, G. Schönhense, C. Tusche, S. Borek, J. Braun, J. Minár, and H. Ebert  
014416 (2015) – Published 14 January 2015

*Spin-orbit torques in  $L1_0$ -FePt/Pt thin films driven by electrical and thermal currents*

Guillaume Géranton, Frank Freimuth, Stefan Blügel, and Yuriy Mokrousov  
014417 (2015) – Published 14 January 2015

*Fidelity at Berezinskii-Kosterlitz-Thouless quantum phase transitions*

G. Sun, A. K. Kolezhuk, and T. Vekua  
014418 (2015) – Published 15 January 2015

*Updating the phase diagram of the archetypal frustrated magnet  $Gd_3Ga_5O_{12}$*

P. P. Deen, O. Florea, E. Lhotel, and H. Jacobsen  
014419 (2015) – Published 15 January 2015

*Effect of transition metal doping on multiferroic ordering in  $FeVO_4$*

A. Kumarasiri, E. Abdelhamid, A. Dixit, and G. Lawes  
014420 (2015) – Published 15 January 2015

*Spin transport and spin-caloric effects in (Cr,Zn)Te half-metallic nanostructures: Effect of spin disorder at elevated temperatures from first principles*

Roman Kováčik, Phivos Mavropoulos, and Stefan Blügel  
014421 (2015) – Published 15 January 2015

*Generalization of polarized spin excitations for asymmetric dimeric systems*

G. Houchins and J. T. Haraldsen  
014422 (2015) – Published 16 January 2015

*Antiferromagnetism of  $Ni_2NbBO_6$  with  $S=1$  dimer quasi-one-dimensional armchair chains*

G. Narsinga Rao, Viveka Nand Singh, R. Sankar, I. Panneer Muthuselvam, Guang-Yu Guo, and F. C. Chou  
014423 (2015) – Published 20 January 2015

*Coexistence of different magnetic moments in CeRuSn probed by polarized neutrons*

K. Prokeš, S. Hartwig, A. Gukasov, J. A. Mydosh, Y.-K. Huang, O. Niehaus, and R. Pöttgen  
014424 (2015) – Published 21 January 2015

*Transient band structures in the ultrafast demagnetization of ferromagnetic gadolinium and terbium*

Martin Teichmann, Björn Frietsch, Kristian Döbrich, Robert Carley, and Martin Weinelt  
014425 (2015) – Published 21 January 2015

*Quasiclassical magnetic order and its loss in a spin-12 Heisenberg antiferromagnet on a triangular lattice with competing bonds*

P. H. Y. Li, R. F. Bishop, and C. E. Campbell  
014426 (2015) – Published 22 January 2015

*Magnetic proximity effect and interlayer exchange coupling of ferromagnetic/topological insulator/ferromagnetic trilayer*

Mingda Li, Wenping Cui, Jin Yu, Zuyang Dai, Zhe Wang, Ferhat Katmis, Wanlin Guo, and Jagadeesh Moodera  
014427 (2015) – Published 23 January 2015

*Moment evolution across the ferromagnetic phase transition of giant magnetocaloric  $(Mn, Fe)_2(P, Si, B)$  compounds*

H. Yibole, F. Guillou, L. Caron, E. Jiménez, F. M. F. de Groot, P. Roy, R. de Groot, N. H. van Dijk, and E. Brück  
014429 (2015) – Published 23 January 2015

*Rectification of radio-frequency current in a giant-magnetoresistance spin valve*

Sławomir Ziętek, Piotr Ogrodnik, Marek Frankowski, Jakub Chęciński, Piotr Wiśniowski, Witold Skowroński, Jerzy Wrona, Tomasz Stobiecki, Antoni Żywczak, and Józef Barnas  
014430 (2015) – Published 26 January 2015

*Polarized neutron powder diffraction studies of antiferromagnetic order in bulk and nanoparticle NiO*

Erik Brok, Kim Lefmann, Pascale P. Deen, Bente Lebech, Henrik Jacobsen, Gøran Jan Nilsen, Lukas Keller, and Cathrine Frandsen  
014431 (2015) – Published 26 January 2015

*Field and temperature dependence of electromagnon scattering in  $TbMnO_3$  studied by inelastic neutron scattering*

S. Holbein, P. Steffens, T. Finger, A. C. Komarek, Y. Sidis, P. Link, and M. Braden  
014432 (2015) – Published 26 January 2015

*Role of B diffusion in the interfacial Dzyaloshinskii-Moriya interaction in  $Ta/Co_{20}Fe_{60}B_{20}/MgO$  nanowires*

R. Lo Conte, E. Martinez, A. Hrabec, A. Lamperti, T. Schulz, L. Nasi, L. Lazzarini, R. Mantovan, F. Maccherozzi, S. S. Dhesi, B. Ocker, C. H. Marrows, T. A. Moore, and M. Kläui  
014433 (2015) – Published 28 January 2015

## *Spin glass dynamics at the mesoscale*

Samaresh Guchhait, Gregory G. Kenning, Raymond L. Orbach, and Gilberto F. Rodriguez  
014434 (2015) – Published 28 January 2015

## *Physical properties of FeRh alloys: The antiferromagnetic to ferromagnetic transition*

J. Kudrnovský, V. Drchal, and I. Turek  
014435 (2015) – Published 29 January 2015

## *Quantum theory of helimagnetic thin films*

H. T. Diep  
014436 (2015) – Published 29 January 2015

## *Jahn-Teller driven perpendicular magnetocrystalline anisotropy in metastable ruthenium*

Dorj Odkhoo, S. H. Rhim, Noejung Park, Kohji Nakamura, and Soon Cheol Hong  
014437 (2015) – Published 30 January 2015

## *Role of antisite disorder on intrinsic Gilbert damping in $L1_0$ FePt films*

X. Ma, L. Ma, P. He, H. B. Zhao, S. M. Zhou, and G. Lüpke  
014438 (2015) – Published 30 January 2015

## *Pressure-induced enhancement of the magnetic anisotropy in $Mn(N(CN)_2)_2$*

P. A. Quintero, D. Rajan, M. K. Peprah, T. V. Brinzari, R. S. Fishman, D. R. Talham, and M. W. Meisel  
014439 (2015) – Published 30 January 2015

## **Superfluidity and superconductivity**

### *Substitution of Ni for Fe in superconducting $Fe_{0.98}Te_{0.5}Se_{0.5}$ depresses the normal-state conductivity but not the magnetic spectral weight*

Jinghui Wang, Ruidan Zhong, Shichao Li, Yuan Gan, Zhijun Xu, Cheng Zhang, T. Ozaki, M. Matsuda, Yang Zhao, Qiang Li, Guangyong Xu, Genda Gu, J. M. Tranquada, R. J. Birgeneau, and Jinsheng Wen  
014501 (2015) – Published 5 January 2015

### *Granular superconductivity below 5 K in SPI-II pyrolytic graphite*

Ana Ballestar, Pablo Esquinazi, and Winfried Böhlmann  
014502 (2015) – Published 7 January 2015

### *Signatures of thermally excited vortices in a superconductor with competing orders*

Gideon Wachtel and Dror Orgad  
014503 (2015) – Published 8 January 2015

### *Weak ferromagnetism of $Cu_xFe_{1+y}As$ and its evolution with Co doping*

Bin Qian, Jin Hu, Jinyu Liu, Zhida Han, Ping Zhang, Lei Guo, Xuefan Jiang, T. Zou, M. Zhu, C. R. Dela Cruz, X. Ke, and Z. Q. Mao  
014504 (2015) – Published 12 January 2015



*Coexistence of localized and itinerant electrons in  $BaFe_2X_3$  ( $X=S$  and  $Se$ ) revealed by photoemission spectroscopy*

D. Ootsuki, N. L. Saini, F. Du, Y. Hirata, K. Ohgushi, Y. Ueda, and T. Mizokawa  
014505 (2015) – Published 13 January 2015

*Reentrant superconductivity in URhGe*

V. P. Mineev  
014506 (2015) – Published 15 January 2015

*Bloch band dynamics of a Josephson junction in an inductive environment*

T. Weißl, G. Rastelli, I. Matei, I. M. Pop, O. Buisson, F. W. J. Hekking, and W. Guichard  
014507 (2015) – Published 15 January 2015

*Coexistence of superconductivity and ferromagnetism in  $Sr_{0.5}Ce_{0.5}FBiS_2$*

Lin Li, Yuke Li, Yuefeng Jin, Haoran Huang, Bin Chen, Xiaofeng Xu, Jianhui Dai, Li Zhang, Xiaojun Yang, Huifei Zhai, Guanghan Cao, and Zhuan Xu  
014508 (2015) – Published 20 January 2015

*Eilenberger theory for nuclear magnetic relaxation rate in superconducting vortex lattice state*

Kenta K. Tanaka, Masanori Ichioka, Seiichiro Onari, Noriyuki Nakai, and Kazushige Machida  
014509 (2015) – Published 20 January 2015

*Vortex chains due to nonpairwise interactions and field-induced phase transitions between states with different broken symmetry in superconductors with competing order parameters*

Julien Garaud and Egor Babaev  
014510 (2015) – Published 20 January 2015

*Superconducting properties of noncentrosymmetric superconductor  $CaIrSi_3$  investigated by muon spin relaxation and rotation*

Benjamin A. Frandsen, Sky C. Cheung, Tatsuo Goko, Lian Liu, Teresa Medina, Timothy S. J. Munsie, Graeme M. Luke, Peter J. Baker, Marco P. Jimenez S., Gaku Eguchi, Shingo Yonezawa, Yoshiteru Maeno, and Yasutomo J. Uemura  
014511 (2015) – Published 23 January 2015

*Charged-impurity-induced Majorana fermions in topological superconductors*

Tao Zhou, Xiao-Jing Li, Yi Gao, and Z. D. Wang  
014512 (2015) – Published 26 January 2015

*Superconductivity in 122-type antimonide  $BaPt_2Sb_2$*

Motoharu Imai, Soshi Ibuka, Naoki Kikugawa, Taichi Terashima, Shinya Uji, Takeshi Yajima, Hiroshi Kageyama, and Izumi Hase  
014513 (2015) – Published 30 January 2015

*Phase slips in a current-biased narrow superconducting strip*

Yu. N. Ovchinnikov and A. A. Varlamov  
014514 (2015) – Published 30 January 2015

## *Tunable and switchable coupling between two superconducting resonators*

A. Baust, E. Hoffmann, M. Haeberlein, M. J. Schwarz, P. Eder, J. Goetz, F. Wulschner, E. Xie, L. Zhong, F. Quijandría, B. Peropadre, D. Zueco, J.-J. García Ripoll, E. Solano, K. Fedorov, E. P. Menzel, F. Deppe, A. Marx, and R. Gross  
014515 (2015) – Published 30 January 2015

### **Editors' Suggestion**

## *Flux cutting in high- $T_c$ superconductors*

V. Vlasko-Vlasov, A. Koshelev, A. Glatz, C. Phillips, U. Welp, and W. Kwok  
014516 (2015) – Published 30 January 2015

## **ERRATA**

### *Publisher's Note: Intrinsic antiferromagnetic coupling underlies colossal magnetoresistance effect: Role of correlated polarons [Phys. Rev. B **89**, 024420 (2014)]*

V. Moshnyaga, A. Belenchuk, S. Hühn, C. Kalkert, M. Jungbauer, O. I. Lebedev, S. Merten, K.-Y. Choi, P. Lemmens, B. Damaschke, and K. Samwer  
019901 (2015) – Published 6 January 2015

### *Erratum: Ab initio modeling of the two-dimensional energy landscape of screw dislocations in bcc transition metals [Phys. Rev. B **89**, 024104 (2014)]*

L. Dezerald, Lisa Ventelon, E. Clouet, C. Denoual, D. Rodney, and F. Willaime  
019902 (2015) – Published 7 January 2015

### *Publisher's Note: Coupling between an incommensurate antiferromagnetic structure and a soft ferromagnet in the archetype multiferroic $\text{BiFeO}_3$ /cobalt system [Phys. Rev. B **91**, 014402 (2015)]*

Marta Elzo, Reda Moubah, Camille Blouzon, Maurizio Sacchi, Stéphane Grenier, Rachid Belkhou, Sarnjeet Dhesi, Dorothée Colson, Felipe Torres, Miguel Kiwi, Michel Viret, and Nicolas Jaouen  
019903 (2015) – Published 30 January 2015