

New muon magnetic moment data from a Fermilab experiment (red) combined with previous Brookhaven National Lab data (blue) is in 4.2σ tension with the value calculated by the Muon $g-2$ Theory Initiative (green). Selected for a Viewpoint in *Physics* and an Editors' Suggestion. [B. Abi *et al.*, Phys. Rev. Lett. **126**, 141801 (2021)]

NEWSPAPER

PHYSICAL REVIEW LETTERS

Contents

Articles published 3 April–9 April 2021

VOLUME 126, NUMBER 14 9 April 2021

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

Heralded Nondestructive Quantum Entangling Gate with Single-Photon Sources 140501
Jin-Peng Li, Xuemei Gu, Jian Qin, Dian Wu, Xiang You, Hui Wang, Christian Schneider, Sven Höfling, Yong-Heng Huo, Chao-Yang Lu, Nai-Le Liu, Li Li, and Jian-Wei Pan

Low-Depth Gradient Measurements Can Improve Convergence in Variational Hybrid Quantum-Classical Algorithms 140502
Aram W. Harrow and John C. Napp

Geometry of Faithful Entanglement 140503
Otfried Gühne, Yuanyuan Mao, and Xiao-Dong Yu

Detecting Many-Body Bell Nonlocality by Solving Ising Models 140504
Irénée Frérot and Tommaso Roscilde

Gravitation and Astrophysics

First Detection of sub-PeV Diffuse Gamma Rays from the Galactic Disk: Evidence for Ubiquitous Galactic Cosmic Rays beyond PeV Energies 141101
M. Amenomori *et al.* (Tibet AS_γ Collaboration)

Gravitational Wave Glitches in Chaotic Extreme-Mass-Ratio Inspirals 141102
Kyriakos Destounis, Arthur G. Suvorov, and Kostas D. Kokkotas

Milky Way Accelerometry via Millisecond Pulsar Timing 141103
David F. Phillips, Aakash Ravi, Reza Ebadi, and Ronald L. Walsworth

Constraints on the Time Variation of the Gravitational Constant Using Gravitational Wave Observations of Binary Neutron Stars 141104
Aditya Vijaykumar, Shasvath J. Kapadia, and Parameswaran Ajith

Low Mass Black Holes from Dark Core Collapse 141105
Basudeb Dasgupta, Ranjan Laha, and Anupam Ray

Dark Energy Survey Year 1 Results: Cosmological Constraints from Cluster Abundances, Weak Lensing, and Galaxy Correlations 141301
C. To *et al.* (DES Collaboration)

Searching for Dark Matter with a Superconducting Qubit 141302
Akash V. Dixit, Srivatsan Chakram, Kevin He, Ankur Agrawal, Ravi K. Naik, David I. Schuster, and Aaron Chou

Large Anisotropies of the Stochastic Gravitational Wave Background from Cosmic Domain Walls 141303
Jing Liu, Rong-Gen Cai, and Zong-Kuan Guo

Elementary Particles and Fields

Rainbow Nambu-Goldstone Modes under a Shear Flow 141601
Yuki Minami, Hiroyoshi Nakano, and Yoshimasa Hidaka

Domain Wall Topological Entanglement Entropy 141602
Bowen Shi and Isaac H. Kim

(Continued Inside)

This paper was highlighted in the APS publication *Physics* (physics.aps.org).
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0031-9007(20210409)126:14;1-6

Measurement of the Positive Muon Anomalous Magnetic Moment to 0.46 ppm 141801
B. Abi *et al.* (Muon $g-2$ Collaboration)

Search for Axionlike Dark Matter Using Solid-State Nuclear Magnetic Resonance 141802
Deniz Aybas, Janos Adam, Emmy Blumenthal, Alexander V. Gramolin, Dorian Johnson, Annalies Kleyheeg, Samer Afach, John W. Blanchard, Gary P. Centers, Antoine Garcon, Martin Engler, Nataniel L. Figueroa, Marina Gil Sendra, Arne Wickenbrock, Matthew Lawson, Tao Wang, Teng Wu, Haosu Luo, Hamdi Mani, Philip Mauskopf, Peter W. Graham, Surjeet Rajendran, Derek F. Jackson Kimball, Dmitry Budker, and Alexander O. Sushkov

Anisotropy in Dijet Production in Exclusive and Inclusive Processes 142001
Yoshitaka Hatta, Bo-Wen Xiao, Feng Yuan, and Jian Zhou

Nuclear Physics

Fermion Pair Dynamics in Open Quantum Systems 142501
S. M. Wang (王思敏) and W. Nazarewicz

Fission Fragment Intrinsic Spins and Their Correlations 142502
Aurel Bulgac, Ibrahim Abdurrahman, Shi Jin, Kyle Godbey, Nicolas Schunck, and Ionel Stetcu

Atomic, Molecular, and Optical Physics

Artificial Coherent States of Light by Multiphoton Interference in a Single-Photon Stream 143601
P. Steindl, H. Snijders, G. Westra, E. Hissink, K. Iakovlev, S. Polla, J. A. Frey, J. Norman, A. C. Gossard, J. E. Bowers, D. Bouwmeester, and W. Löffler

Nonlinear Dynamics, Fluid Dynamics, Classical Optics, etc.

Can Nonlinear Parametric Oscillators Solve Random Ising Models? 143901
Marcello Calvanese Strinati, Leon Bello, Emanuele G. Dalla Torre, and Avi Pe'er

Plasma and Beam Physics

Laboratory Resolved Structure of Supercritical Perpendicular Shocks 145001
Douglass Endrizzi, J. Egedal, M. Clark, K. Flanagan, S. Greess, J. Milhone, A. Millet-Ayala, J. Olson, E. E. Peterson, J. Wallace, and C. B. Forest

Condensed Matter: Structure, etc.

Wave-Driven Assembly of Quasiperiodic Patterns of Particles 145501
Elena Cherkaev, Fernando Guevara Vasquez, China Mauck, Milo Prisbrey, and Bart Raeymaekers

Molecular Theory of Nucleation from Dilute Phases: Formulation and Application to Lennard-Jones Vapor 146001
Ravi Kumar Reddy Addula and Sudeep N. Punnathanam

Anomalous Flexural Elasticities of Graphene Membranes Unveiled by Manipulating Topology 146101
Makoto Ashino, Keita Nishioka, Keiji Hayashi, and Roland Wiesendanger

Condensed Matter: Electronic Properties, etc.

Unmasking the Origin of Kinks in the Photoemission Spectra of Cuprate Superconductors 146401
Zhenglu Li, Meng Wu, Yang-Hao Chan, and Steven G. Louie

Accurate Measurement of the Gap of Graphene/h-BN Moiré Superlattice through Photocurrent Spectroscopy 146402
Tianyi Han, Jixiang Yang, Qihang Zhang, Lei Wang, Kenji Watanabe, Takashi Taniguchi, Paul L. McEuen, and Long Ju

Anisotropic Ballistic Transport Revealed by Molecular Nanoprobe Experiments 146601
Markus Leisegang, Robert Schindhelm, Jens Kügel, and Matthias Bode

Experimental Observation of Higher-Order Topological Anderson Insulators 146802
Weixuan Zhang, Deyuan Zou, Qingsong Pei, Wenjing He, Jiacheng Bao, Houjun Sun, and Xiangdong Zhang

Quantum Hall Valley Splitters and a Tunable Mach-Zehnder Interferometer in Graphene 146803
M. Jo, P. Brasseur, A. Assouline, G. Fleury, H.-S. Sim, K. Watanabe, T. Taniguchi, W. Dumnernpanich, P. Roche, D. C. Glattli, N. Kumada, F. D. Parmentier, and P. Roulleau

(Continued on Preceding Page)

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Sign Structure of Thermal Hall Conductivity and Topological Magnons for In-Plane Field Polarized Kitaev Magnets 147201
Li Ern Chern, Emily Z. Zhang, and Yong Baek Kim

Exchange-Striction Driven Ultrafast Nonthermal Lattice Dynamics in NiO 147202
Y. W. Windsor, D. Zahn, R. Kamrla, J. Feldl, H. Seiler, C.-T. Chiang, M. Ramsteiner, W. Widdra, R. Ernstorfer, and L. Rettig

Transverse Transport in Two-Dimensional Relativistic Systems with Nontrivial Spin Textures 147203
Juba Bouaziz, Hiroshi Ishida, Samir Lounis, and Stefan Blügel

Tunable Terahertz Plasmons in Graphite Thin Films 147401
Qiaoxia Xing, Chaoyu Song, Chong Wang, Yuangang Xie, Shenyang Huang, Fanjie Wang, Yuchen Lei, Xiang Yuan, Cheng Zhang, Lei Mu, Yuan Huang, Faxian Xiu, and Hugen Yan

Ballistic Graphene Cooper Pair Splitter 147701
P. Pandey, R. Danneau, and D. Beckmann

SO(5) Non-Fermi Liquid in a Coulomb Box Device 147702
Andrew K. Mitchell, Alon Liberman, Eran Sela, and Ian Affleck

Shell Filling and Trigonal Warping in Graphene Quantum Dots 147703
R. Garreis, A. Knothe, C. Tong, M. Eich, C. Gold, K. Watanabe, T. Taniguchi, V. Fal'ko, T. Ihn, K. Ensslin, and A. Kurzmann

Polymer, Soft Matter, Biological, Climate, and Interdisciplinary Physics

Fluctuation-Induced Phase Separation in Metric and Topological Models of Collective Motion 148001
David Martin, Hugues Chaté, Cesare Nardini, Alexandre Solon, Julien Tailleur, and Frédéric Van Wijland

Errata

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E. Miles Stoudenmire and Steven R. White

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