

DARK MATTER AND DARK ENERGY

ApP

[Measurement of single electron emission in two-phase xenon](#)

B. Edwards, H.M. Araújo, V. Chepel, D. Cline, T. Durkin, J. Gao, C. Ghag, E.V. Korolkova, V.N. Lebedenko, A. Lindote, M.I. Lopes, R. Lüscher, A.St.J. Murphy, F. Neves, W. Ooi, J. Pinto da Cunha, R.M. Preece, G. Salinas, C. Silva, V.N. Solovov, *et al.*

[Charge amplification concepts for direction-sensitive dark matter detectors](#)

D. Dujmic, P. Fisher, G. Sciolla, S. Ahlen, V. Dutta, S. Henderson, A. Kaboth, G. Kohse, R. Lanza, J. Monroe, A. Roccaro, N. Skvorodnev, H. Tomita, R. Vanderspek, H. Wellenstein, R. Yamamoto

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[Radiative neutrino mass generation and dark energy](#)

K Bamba, C Q Geng and S H Ho

[Updating the axion cold dark matter energy density](#)

Kyu Jung Bae, Ji-Haeng Huh and Jih E Kim

[Probing dark energy at galactic and cluster scales](#)

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[The abnormally weighting energy hypothesis: the missing link between dark matter and dark energy](#)

J-M Alimi and A Füzfa

[Dark matter signatures in the anisotropic radio sky](#)

Le Zhang and Günter Sigl

PLB

[A parametric model for dark energy](#)

E.M. Barboza Jr., J.S. Alcaniz

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[Strong Upper Limits on Sterile Neutrino Warm Dark Matter](#)

Hasan Yüksel, John F. Beacom, Casey R. Watson.

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[Scintillation time dependence and pulse shape discrimination in liquid argon](#)

W. H. Lippincott, K. J. Coakley, D. Gastler, A. Hime, E. Kearns, D. N. McKinsey, J. A. Nikkel, and L. C. Stonehill

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[Resonant scattering and recombination of pseudodegenerate WIMPs](#)

Maxim Pospelov, Adam Ritz.

[Kaluza-Klein dark matter: Direct detection vis-a-vis CERN LHC](#)

Sebastian Arrenberg, Laura Baudis, Kyoungchul Kong, Konstantin T. Matchev, Jonghee Yoo.

[Spin dependence of dark matter scattering](#)

Vernon Barger, Wai-Yee Keung, Gabe Shaughnessy.

[Cosmic vector for dark energy](#)

Jose Beltrán Jiménez, Antonio L. Maroto.

[Can cosmological observations uniquely determine the nature of dark energy?](#)

Sanil Unnikrishnan.

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Matthew C. Johnson, Marc Kamionkowski.

[Toward a minimum branching fraction for dark matter annihilation into electromagnetic final states](#)

James B. Dent, Robert J. Scherrer, Thomas J. Weiler.

[CMB and 21-cm signals for dark matter with a long-lived excited state](#)

Douglas P. Finkbeiner, Nikhil Padmanabhan, Neal Weiner.

[Direct/indirect detection signatures of nonthermally produced dark matter](#)

Minoru Nagai, Kazunori Nakayama.

[Conservative constraints on dark matter annihilation into gamma rays](#)

Gregory D. Mack, Thomas D. Jacques, John F. Beacom, Nicole F. Bell, Hasan Yüksel.

[Dark matter transfer function: Free streaming, particle statistics, and memory of gravitational clustering](#)

D. Boyanovsky, H. J. de Vega, N. G. Sanchez.

[Role of Chaplygin gas as geometrical dark energy in anisotropic brane gravity](#)

Malihe Heydari-Fard, Hamid R. Sepangi.

[Testing alternative theories of dark matter with the CMB](#)

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Sourav Bhattacharya, Amitabha Lahiri.

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A. Koudeir, R. Montemayor, Luis F. Urrutia.

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[Phantom dark energy models with a nearly flat potential](#)

John D. Barrow, Douglas J. Shaw.

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[NEUTRINO MASS AND COLD DARK MATTER PARTICLES IN BIG-BANG](#)

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TOSHITAKA KAJINO; MOTOHIKO KUSAKABE; KAZUHIKO KOJIMA; TAKASHI YOSHIDA; DAI G. YAMAZAKI; KIYOTOMO ICHIKI; GRANT J. MATHEWS

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Anton Baushev.

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Leonid Chuzhoy, Edward W. Kolb.

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Simon D.M. White, Mark Vogelsberger.

[Tokyo Axion Helioscope](#)

M. Minowa, Y. Inoue, Y. Akimoto, R. Ohta, T. Mizumoto, A. Yamamoto.

[Model-Independent Distance Measurements from Gamma-Ray Bursts and Constraints on Dark Energy](#)

Yun Wang.

[Astrophysical tests of mirror dark matter](#)

P. Ciarcelluti.

[Thermodynamics of the early Universe with mirror dark matter](#)

Paolo Ciarcelluti, Angela Lepidi.

[A blueprint for detecting supersymmetric dark matter in the Galactic halo](#)

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Emmanuel Van Hese, Maarten Baes, Herwig Dejonghe.

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[Do submillimeter galaxies really trace the most massive dark matter halos? Discovery of a high- \$z\$ cluster in a highly active phase of evolution](#)

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V. Baukh, A. Zhuk.

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Dominik R. G. Schleicher, Simon C. O. Glover, Robi Banerjee, Ralf S. Klessen.

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[Mapping the Dark Side with DEIMOS: Globular Clusters, X-ray Gas, and Dark Matter in the NGC 1407 Group](#)

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J. A. ZuHone, D. Q. Lamb, P. M. Ricker.

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John McDonald, Narendra Sahu.

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Jose A. R. Cembranos.

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Alejandro Ibarra.

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COSMIC RAYS

ApP

[Scaler mode technique for the ARGO-YBJ detector](#)

The Argo-YBJ Collaboration, G. Aielli, C. Bacci, F. Barone, B. Bartoli, P. Bernardini, X.J. Bi, C. Bleve, P. Branchini, A. Budano, S. Bussino, A.K. Calabrese Melcarne, P. Camarri, Z. Cao, A. Cappa, R. Cardarelli, S. Catalanotti, C. Cattaneo, S. Cavaliere, P. Celio, *et al.*

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T. Huege, R. Ulrich, R. Engel

NIMA

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Y. Sallaz-Damaz, A. Barrau, R. Bazer-Bachi, O. Bourrion, J. Bouvier, B. Boyer, M. Buénerd, L. Derome, L. Eraud, R. Foglio, L. Gallin-Martel, O. Ganel, J.H. Han, K.C. Kim, M.H. Lee, L. Lutz, M. Mangin-Brinet, A. Malinine, A. Menchaca-Rocha, J.N. Périé, *et al.*

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NPB

[Minimal Dark Matter predictions for galactic positrons, anti-protons, photons](#)

Marco Cirelli, Roberto Franceschini, Alessandro Strumia

PRD

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Koji Ishiwata, Shigeki Matsumoto, Takeo Moroi.

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Paolo Lipari.

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X and GAMMA RAYS

ApP

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NIMA

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[Conservative constraints on dark matter annihilation into gamma rays](#)

Gregory D. Mack, Thomas D. Jacques, John F. Beacom, Nicole F. Bell, Hasan Yüksel.

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