

DARK MATTER AND DARK ENERGY

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F. Aharonian, A.G. Akhperjanian, A.R. Bazer-Bachi, M. Beilicke, W. Benbow, D. Berge, K. Bernlöhr, C. Boisson, O. Bolz, V. Borrel, I. Braun, E. Brion, A.M. Brown, R. Bühler, I. Büsching, T. Boutelier, S. Carrigan, P.M. Chadwick, L.-M. Chounet, G. Coignet, *et al.*

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[Annihilations of superheavy dark matter in superdense clumps](#)

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[Inelastic dark matter as an efficient fuel for compact stars](#)

Dan Hooper, Douglas Spolyar, Alberto Vallinotto, and Nickolay Y. Gnedin

[Cosmic expansion and growth histories in Galileon scalar-tensor models of dark energy](#)

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[Future CMB cosmological constraints in a dark coupled universe](#)

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[Repulsive gravity model for dark energy](#)

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[Universal Properties of Dark Matter Halos](#)

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[Spherical collapse model in dark energy cosmologies](#)

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[Testing adiabatic contraction of dark matter in fossil group candidates](#)

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[First Dark Matter Results from the XENON100 Experiment](#)

XENON100 Collaboration, E. Aprile, K. Arisaka, F. Arneodo, A. Askin, L. Baudis, A. Behrens, E. Brown, J. M. R. Cardoso, B. Choi, D. B. Cline, S. Fattori, A. D. Ferella, K.-L. Giboni, K. Hugenberg, A. Kish, C. W. Lam, J. Lamblin, R. F. Lang, K. E. Lim, J. A. M. Lopes, T. Marrodán Undagoitia, Y. Mei, A. J. Melgarejo Fernandez, K. Ni, U. Oberlack, S. E. A. Orrigo, E. Pantic, G. Plante, A. C. C. Ribeiro, R. Santorelli, J. M. F. dos Santos, M. Schumann, P. Shagin, A. Teymourian, D. Thers, E. Tziaferi, H. Wang, C. Weinheimer.

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V. E. Kuzmichev, V. V. Kuzmichev.

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[Status of the PICASSO experiment for spin-dependent Dark Matter searches](#)

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[Validity of the Generalized Second Law of Thermodynamics of the Universe Bounded by the Event Horizon in Holographic Dark Energy Model](#)

Nicolas Yunes, Richard O'Shaughnessy, Benjamin J. Owen, Stephon Alexander.

[Dynamics of Bianchi I Universe with Magnetized Anisotropic Dark Energy](#)

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[The Astrophysical Uncertainties Of Dark Matter Direct Detection Experiments](#)

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[Measurement of the Anisotropy of Cosmic Ray Arrival Directions with IceCube](#)

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