

## DARK MATTER AND DARK ENERGY

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*JCAP*

[Constraining the mSUGRA \(minimal supergravity\) parameterspace using the entropy of dark matter halos](#)

Darío Núñez, Jesús Zavala, Lukas Nellen, Roberto A Sussman, Luis G Cabral-Rosetti and Myriam Mondragón (For the Instituto Avanzado de Cosmología, IAC)

[Low scale leptogenesis and dark matter candidates in an extended seesaw model](#)

H Sung Cheon, Sin Kyu Kang and C S Kim

[Halos of unified dark matter scalar field](#)

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[Dark interactions and cosmological fine-tuning](#)

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[Inflation and quintessence: theoretical approach of cosmological reconstruction](#)

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[The coincidence problem and interacting holographic dark energy](#)

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[Aspects of cosmological expansion in  \$F\(R\)\$  gravity models](#)

Stephen A Appleby and Richard A Battye

[Differentiating dark energy and modified gravity with galaxy redshift surveys](#)

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[Some issues concerning holographic dark energy](#)

Miao Li, Chunshan Lin and Yi Wang

*PLB*

[Photon and axion splitting in an inhomogeneous magnetic field](#)

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*PLB*

[Cosmological constraints on new agegraphic dark energy](#)

Hao Wei, Rong-Gen Cai

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Michael Maziashvili

[Left–right symmetric model of neutrino dark energy](#)

Jitesh R. Bhatt, Pei-Hong Gu, Utpal Sarkar, Santosh K. Singh

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Yungui Gong, Anzhong Wang, Qiang Wu

[Quintessence reconstruction of the new agegraphic dark energy model](#)

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[Neutrino clustering in growing neutrino quintessence](#)

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[Photons from dark matter in a \(non-universal\) extra dimension model](#)

Marco Regis

[Lightest  \$U\$ -parity particle \(LUP\) dark matter](#)

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[Neutralino dark matter in light Higgs boson scenario](#)

Masaki Asano, Shigeki Matsumoto, Masato Senami, Hiroaki Sugiyama

[Dark energy interacting with two fluids](#)

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[Complementarity of gamma-ray and CERN LHC searches for neutralino dark matter in the focus point region](#)

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[Vector Field Models of Inflation and Dark Energy](#)

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[From Dark Energy and Dark Matter to Dark Metric](#)

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[Dark energy from gravitoelectromagnetic inflation?](#)

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[Statistical Physics of Dark and Normal Matter Distribution in Galaxy Formation : Dark Matter Lumps and Black Holes in Core and Halo of Galaxy](#)

Ajay Patwardhan.

## COSMIC RAYS

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*ApP*

[Upper limit on the cosmic-ray photon flux above  \$10^{19}\$  eV using the surface detector of the Pierre Auger Observatory](#)

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Tamar Kashti and Eli Waxman

*NIMA*

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[Publisher's Note: Neutrino flux from cosmic ray accelerators in the Cygnus spiral arm of the Galaxy \[Phys. Rev. D \*\*76\*\*, 067301 \(2007\)\]](#)

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[Photons from dark matter in a \(non-universal\) extra dimension model](#)

Marco Regis

*PRD*

[Complementarity of gamma-ray and CERN LHC searches for neutralino dark matter in the focus point region](#)

E. Moulin, A. Jacholkowska, G. Moulhaka, J.-L. Kneur, E. Nuss, T. Lari, G. Polesello, D. Tovey, M. White, Z. Yang.

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## **NEUTRINOS AND PROTON DECAY**

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[Publisher's Note: Neutrino flux from cosmic ray accelerators in the Cygnus spiral arm of the Galaxy \[Phys. Rev. D \*\*76\*\*, 067301 \(2007\)\]](#)

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