

DARK MATTER AND DARK ENERGY

ApP

BDM dark matter: CDM with a core profile and a free streaming scale

A. de la Macorra

JCAP

Higgs in space!

C.B. Jackson, Géraldine Servant, Gabe Shaughnessy, Tim M.P. Tait and Marco Taoso

Detecting features in the dark energy equation of state: a wavelet approach

Alireza Hojjati, Levon Pogosian and Gong-Bo Zhao

Probing the dynamical behavior of dark energy

Rong-Gen Cai, Qiping Su and Hong-Bo Zhang

Axionic shortcuts for high energy photons

A. Nicolaidis

Constraints on cosmological dark matter annihilation from the Fermi-LAT isotropic diffuse gamma-ray measurement

A.A. Abdo, M. Ackermann, M. Ajello, *et al.*

Neutrino signals from dark matter decay

Laura Covi, Michael Grefe, Alejandro Ibarra and David Tran

Probing the cosmic acceleration from combinations of different data sets

Yungui Gong, Bin Wang and Rong-Gen Cai

Galaxy rotation curves from general relativity with renormalization group corrections

Davi C. Rodrigues, Patricio S. Letelier and Ilya L. Shapiro

Primordial black holes as all dark matter

Paul H. Frampton, Masahiro Kawasaki, Fuminobu Takahashi and Tsutomu T. Yanagida

Constraints on dark energy parameters from correlations of CMB with LSS

Hong Li and Jun-Qing Xia

New constraints on parametrised modified gravity from correlations of the CMB with large scale structure

Tommaso Giannantonio, Matteo Martinelli, Alessandra Silvestri and Alessandro Melchiorri

[Modifying gravity at low redshift](#)

Philippe Brax, Carsten van de Bruck, Anne-Christine Davis and Douglas Shaw

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[Constraining WIMP magnetic moment from CDMS II experiment](#)

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[Neutrino condensate as origin of dark energy](#)

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[Geometrical diagnostic for purely kinetic k-essence dark energy](#)

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[First results of the EDELWEISS-II WIMP search using Ge cryogenic detectors with interleaved electrodes](#)

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[Mapping the allowed parameter space for decaying dark matter models](#)

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[Relevance of the CDMS II events for mirror dark matter](#)

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Pearl Sandick, Douglas Spolyar, Matthew Buckley, Katherine Freese, and Dan Hooper

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Aravind Natarajan and Dominik J. Schwarz

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[Halo-Shape and Relic-Density Exclusions of Sommerfeld-Enhanced Dark Matter Explanations of Cosmic Ray Excesses](#)

Jonathan L. Feng, Manoj Kaplinghat, and Hai-Bo Yu

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DARK MATTER SEARCHES WITH SUB-keV GERMANIUM DETECTOR

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EXTRACTING DARK MATTER PROPERTIES MODEL-INDEPENDENTLY FROM DIRECT DETECTION EXPERIMENTS

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CAN DARK MATTER ANNIHILATION ACCOUNT FOR THE COSMIC e^\pm EXCESSES?

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GAMMA-RAY CONSTRAINTS ON DECAYING DARK MATTER

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DARK MATTER IN THE MSSM AND ITS SINGLET EXTENSION

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AXION SEARCH WITH Q & A EXPERIMENT

HSIEN-HAO MEI, WEI-TOU NI, SHENG-JUI CHEN and SHEAU-SHI PAN

arXiv

Figures of merit for present and future dark energy probes

Michael J. Mortonson, Dragan Huterer, Wayne Hu.

Dark Energy Stars and the CMB

George Chapline.

Galaxy Clusters as a probe of early dark energy

Ujjaini Alam, Zarija Lukić, Suman Bhattacharya.

Can Neutron stars constrain Dark Matter?

Chris Kouvaris, Peter Tinyakov.

Neutron Stars as Dark Matter Probes

Arnaud de Lavallaz, Malcolm Fairbairn.



[Neutrino and axion hot dark matter bounds after WMAP-7](#)

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[Lifetime Constraints for Late Dark Matter Decay](#)

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[Dark Matter that can form Dark Stars](#)

P. Gondolo, Ji-Haeng Huh, Hyung Do Kim, S. Scopel.

[Solution to the Dark Energy Problem](#)

Paul Howard Frampton.

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Makoto Minowa.

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José A. Jiménez Madrid, Prado Martín-Moruno.

[Constraints on the Dark Matter Particle Mass from the Number of Milky Way Satellites](#)

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Shinji Tsujikawa.

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Gert Hütsi, Andi Hektor, Martti Raidal.

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[Directional detection of Dark Matter](#)

Wojciech Szewczuk, Jadwiga Daszyńska-Daszkiewicz.

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Gábor Wörseck, J. Xavier Prochaska.

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Jianbo Lu, Yuanxing Gui, Lixin Xu.

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Roy van Boekel, Attila Juhasz, Thomas Henning, Rainer Koehler, Thorsten Ratzka, Tom Herbst, Jeroen Bouwman, Willy Kley.

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M. G. Richer, J. A. López, E. Díaz-Méndez, H. Riesgo, S.-H. Báez, Ma.-T. García-Díaz, J. Meaburn, D. M. Clark, R. M. Calderón Olvera, G. López Soto, O. Toledano Reboló.

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Serge Parnovsky, Aleksei Parnowski.

[Gamma-Ray Bursts and Dark Energy - Dark Matter interaction](#)

R.J. Jackson, R.D. Jeffries.

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Andreas Koch, Patrick Côté.

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P.A. Boldin, S.B. Popov.

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Anna M. M. Scaife, Bojan Nikolic, David A. Green, Rainer Beck, Matthew L. Davies, Thomas M. O. Franzen, Keith J. B. Grainge, Michael P. Hobson, Natasha Hurley-Walker, Anthony N. Lasenby, Malak Olamaie, Guy G. Pooley, Carmen Rodriguez-Gonzalvez, Richard D. E. Saunders, Paul F. Scott, Timothy W. Shimwell, David J. Titterington, Elizabeth M. WalDRAM, Jonathan T. L. Zwart.

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Takuma Matsumoto, Reizaburo Kitai.

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Roland Triay.

[The warping of extra spaces accelerates the expansion of the universe](#)

Ishwaree P Neupane.

[Revisiting the Cosmological Constraints on the Interacting Dark Energy Models](#)

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[Exothermic Dark Matter](#)

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[Pseudo-Dirac Dark Matter Leaves a Trace](#)

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Gabriela Barenboim, Grigoris Panotopoulos.

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X and GAMMA RAYS

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