Publication List

Peter B. Denton

Updated: July 21, 2015[1]

Published

[1] P. B. Denton and T. J. Weiler, "Sensitivity of full-sky experiments to large scale cosmic ray anisotropies," *JHEAp* **8** (2015) 1–9, arXiv:1505.03922 [astro-ph.HE].

[2] P. B. Denton and T. J. Weiler, "The Fortuitous Latitude of the Pierre Auger Observatory and Telescope Array for Reconstructing the Quadrupole Moment," *Astrophys.J.* **802** no. 1, (2015) 25, arXiv:1409.0883 [astro-ph.HE].

[3] L. A. Anchordoqui, P. B. Denton, H. Goldberg, T. C. Paul, M. da Silva, Luiz H. B. J. Vlcek, and T. J. Weiler, "Weinberg's Higgs portal confronting recent LUX and LHC results together with upper limits on B^+ and K^+ decay into invisibles," *Phys. Rev. D* **89** (Apr, 2014) 083513, arXiv:1312.2547 [hep-ph].

[4] P. B. Denton and T. J. Weiler, "Using integral dispersion relations to extend the LHC reach for new physics," *Phys. Rev. D* **89** (Feb, 2014) 035013, arXiv:1311.1248 [hep-ph].

Preprint

[1] N. Arsene, L. I. Caramete, P. B. Denton, and O. Micu, "Quantum Black Holes Effects on the Shape of Extensive Air Showers," arXiv:1310.2205 [hep-ph].

Conference

[1] **JEM-EUSO** Collaboration, P. B. Denton, L. A. Anchordoqui, A. A. Berlind, M. Richardson, and T. J. Weiler, "Sensitivity of orbiting JEM-EUSO to large-scale cosmic-ray anisotropies," *J.Phys.Conf.Ser.* **531** (2014) 012004, arXiv:1401.5757 [astro-ph.IM].

[1] For the latest version see: peterdenton.github.io

Talks

[1] "The effect of a maximum lepton energy on the stability of pions and cosmic ray physics." http://meetings.aps.org/link/BAPS.2015.APR.M14.1. Talk given at the APS April meeting 2015 in Baltimore, MD.

[2] "Particle physics at the highest energies.". Invited seminar December 2014 at the University of Wisconsin – Madison.

[3] "Sensitivity of orbiting JEM-EUSO to large-scale cosmic-ray anisotropies.". Talk given at the Cosmic Ray Anisotropy Workshop September 2013 in Madison, WI.

[4] "Using dispersion relations to look for new physics in pp elastic scattering at the LHC." http://meetings.aps.org/link/BAPS.2013.APR.H12.8. Talk given at the APS April meeting 2013 in Denver, CO.