

Publication List

Peter B. Denton

Updated: April 16, 2015¹

Published

- [1] 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 \[astro-ph.HE\]](#).
- [2] 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 \[hep-ph\]](#).
- [3] 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 \[astro-ph.IM\]](#).

Talks

- [1] “The effect of a maximum lepton energy on the stability of pions and cosmic ray physics.”. Talk given at the APS Aprile meeting 2015 in Baltimore, MD.
- [2] “Particle physics at the highest energies.”. Invited seminar December 2014 at the University of Wisconsin – Madison.

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

- [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.”. Talk given at the APS April meeting 2013 in Denver, CO.