

## Published

## Preprint

- [1] L. A. Anchordoqui, L. H. M. Da Silva, P. B. Denton, H. Goldberg, T. C. Paul, 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,” [arXiv:1312.2547 \[hep-ph\]](#).
- [2] P. B. Denton and T. J. Weiler, “Using Integral Dispersion Relations to Extend the LHC Reach for New Physics,” [arXiv:1311.1248 \[hep-ph\]](#).
- [3] 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] *Sensitivity of orbiting JEM-EUSO to large-scale cosmic-ray anisotropies*. 2014. [arXiv:1401.5757 \[astro-ph.IM\]](#).

## Talks

- [1] “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.
- [2] “Sensitivity of orbiting jem-euso to large-scale cosmic-ray anisotropies.”. Talk given at the Cosmic Ray Anisotropy Workshop September 2013 in Madison, WI.