

# Extreme energy cosmic rays: a quest for new physics?

*Wednesday, 5 October 2022 14:40 (20 minutes)*

I discuss problems regarding the origin, propagation, spectral shape and chemical composition of the ultra-high energy cosmic rays above the GZK cutoff, and show how one could alleviate these problems with a new physics presumably also related to dark matter.

**Primary author:** BEREZHIANI, Zurab (Univ. L'Aquila and INFN)

**Presenter:** BEREZHIANI, Zurab (Univ. L'Aquila and INFN)