

Vulcano Workshop 2014 - Frontier Objects in Astrophysics and Particle Physics



Contribution ID: 41

Type: **not specified**

Are cosmic rays still a valuable probe of Lorentz Invariance Violations in the Auger era?

Friday, 23 May 2014 17:25 (25 minutes)

The detection of Ultra High Energy Cosmic Rays (UHECRs) allows the study of fundamental physics such as possible modifications of Lorentz Invariance at extreme boosts. I review the constraints of LIVs in the Cosmic Ray sector in the light of the high quality experimental data on UHECRs presently available.

Primary author: AURELIO, Grillo (LNGS)

Presenter: GRILLO, Aurelio (LNGS-INFN)

Session Classification: Cosmic Rays