

The Cosmic Ray - Anisotropy Connection

Thursday, 26 September 2013 13:40 (40 minutes)

I will illustrate the type of information that we can gather on acceleration and propagation of cosmic rays from measurement of anisotropy. More specifically I will focus on two issues: 1) a discussion the the problems arising from the measured anisotropy when compared with the standard supernova remnant paradigm for the origin of cosmic rays; 2) a discussion of the implications of the Pierre Auger, ICETOP and KASCADE-Grande measurements for the transition from Galactic to extragalactic cosmic rays and how these implications confront the measured anisotropy in the EeV energy range.

Primary author: Dr BLASI, Pasquale (INAF/Arcetri Astrophysical Observatory)

Presenter: Dr BLASI, Pasquale (INAF/Arcetri Astrophysical Observatory)

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