

Invited Talk: Recent cosmic-ray anomalies and their interpretation

Monday, 26 October 2015 11:30 (30 minutes)

In recent years, direct cosmic-ray detectors reached an unprecedented level of precision, allowing to measure new spectral features deviating from longstanding expectations and extrapolations. In this talk, I will review some main theories trying to explain the latest observations of charged cosmic rays. These ideas range from acceleration and propagation effects to additional contributions from local sources or dark-matter annihilation. I will then discuss the implications for indirect dark-matter searches.

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