



Contribution ID: 187

Type: **Parallel Talk**

Latest results of the Pierre Auger Observatory

Thursday 6 July 2017 12:24 (18 minutes)

The Pierre Auger Observatory, located in Argentina, has been detecting ultra-high energy cosmic rays for more than ten years. The combination of a large surface detector array and fluorescence telescopes provides a substantial improvement in energy calibration and extensive air shower measurements, resulting in data of unprecedented quality in the energy range from 0.1 EeV up to 100 EeV. A review of main results from the Pierre Auger Observatory is presented with a particular focus on the energy spectrum measurements, mass composition studies and the arrival directions analyses.

Experimental Collaboration

Pierre Auger Collaboration

Primary author: Mrs LHENRY-YVON, Isabelle (IPN Orsay, CNRS IN2P3)**Presenter:** Mrs LHENRY-YVON, Isabelle (IPN Orsay, CNRS IN2P3)**Session Classification:** Astroparticle physics**Track Classification:** Astroparticle Physics