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The Pierre Auger Observatory: results and open issues

Wednesday, 22 May 2013 10:00 (20 minutes)

We will present the status and the main results of the Pierre Auger Observatory. These include the measurement of the energy spectrum above 10^{18} eV, where we observe a suppression for energies larger than 5.5×10^{19} eV, the analyses of the arrival directions and the chemical composition. The implications on the origin and on the acceleration mechanisms of the most energetic Cosmic Rays will be discussed with a particular emphasis to the still open issues.

Primary author: MARTELLO, Daniele (LE)

Co-author: AUGER, Collaboration (Malargue Argentina)

Presenter: MARTELLO, Daniele (LE)

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