

XVI International Symposium on Very High Energy Cosmic Ray Interactions  
(ISVHECRI 2010)



Contribution ID: 125

Type: **Invited**

## Results from the Pierre Auger Observatory

*Thursday, 1 July 2010 10:35 (35 minutes)*

The Pierre Auger Observatory in the southern site of Mendoza, Argentina is the largest cosmic ray detector ever built. Since its completion in 2008, the Observatory is steadily taking data with 3000 km<sup>2</sup> of **active detection area, accumulating an unprecedented statistics of high quality events. Results are presented on the energy spectrum of cosmic rays from 10<sup>18</sup> eV to the highest energy, on the anisotropy of the arrival direction of the highest energy cosmic rays, and on the nature and composition of cosmic rays.**

**If this is a contributed presentation, please indicate preference for Oral (O) or Poster (P):**

O

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**Session Classification:** Experiments above the Ankle

**Track Classification:** Experiments above the Ankle