



Contribution ID : 74

Type : Oral

## Studies of clustering in the arrival directions of cosmic rays detected at the Pierre Auger Observatory above 10 EeV.

*Wednesday, 4 July 2007 13:15 (0:10)*

### Abstract content

The clustering properties of the arrival directions of ultra high energy cosmic rays encode important information to determine their origin, composition, and to constrain galactic and extragalactic magnetic fields. We present here the results of a variety of analyses of data from the Pierre Auger Observatory as a function of the angular scale and the energy threshold. We compare our results with the signals found by previous experiments.

### If this papers is presented for a collaboration, please specify the collaboration

Pierre Auger Observatory

### Summary

### Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Olive, Gustavo Medina-Tanco, Lukas Nellen, Federico A. Sánchez, José F. Valdés-Galicia (eds.); Universidad Nacional Autónoma de México, Mexico City, Mexico, 2008; Vol. 4 (HE part 1), pages 279-282

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**Session Classification :** HE 1.4.A

**Track Classification :** HE.1.4.A