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The First Observation with the Fluorescence Detectors of the Telescope Array Experiment

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Abstract content

The fluorescence measurement is the key in observations of ultra high energy cosmic rays and in determinations of their primary energies in the TA experiment. All the fluorescence detectors of TA will be in operation from June 2007. In this talk, we will present the characteristics of the telescopes and the status of the associated systems including for the atmospheric monitoring and the PMT calibrations. We will also present preliminary results from the first observation run with the full telescope configurations.

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

Telescope Array collaboration

Summary

Reference

Proceedings of the 30th International Cosmic Ray Conference; Rogelio Caballero, Juan Carlos D'Olivo, 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 413-416

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