



Contribution ID : **574**

Type : **Oral**

Two years of observations of LS I +61 303

Friday, 6 July 2007 10:30 (0:12)

Abstract content

In the last two years, the MAGIC telescope has performed an observational campaign on the X-ray binary LS I +61 303. Observations during the first year covered 6 orbital cycles and resulted in the first detection of the source above \sim 200 GeV. LS I +61 303 was also found to be variable. The second campaign spanned 4 more orbital cycles, covering orbital phases which had not been explored before and allowing us to map variability. The total amount of \sim 150 hours of observation time led to a very detailed study of this source. In this talk we report on the results of these campaigns.

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

On Behalf of the MAGIC 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. 2 (OG part 1), pages 711-714

Primary author(s) : Ms. SIDRO MARTIN, Nuria (Institut de Fisica d'Altes Energies IFAE)

Co-author(s) : Mr. JOGLER, Tobias (Max-Planck-Institut für Physik MPI Muenchen); Dr. BOSCH-RAMON, Valenti (Universitat de Barcelona UB); Dr. CORTINA, Juan (Institut de Fisica d'Altes Energies IFAE); Prof. PAREDES, Josep M. (Universitat de Barcelona UB); Dr. RIBÓ, Marc (Universitat de Barcelona UB); Dr. RICO, Javier (Institut de Fisica d'Altes Energies IFAE); Prof. TORRES, Diego (ICREA & Institut de Ciencies de l'Espai IEEC-CSIC); Dr. PEREZ-TORRES, Miguel A. (Instituto de Astrofisica de Andalucia IAA-CSIC)

Presenter(s) : Ms. SIDRO MARTIN, Nuria (Institut de Fisica d'Altes Energies IFAE)

Session Classification : OG 2.2

Track Classification : OG.2.2