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Search for coincidences in time and arrival direction of the Auger data with astrophysical transients

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Abstract content

The data collected by the Pierre Auger Observatory are analyzed to search for correlations between the arrival directions of high-energy cosmic rays and the positions in the sky of astrophysical transients. Special attention is directed towards gamma-ray observations recorded by NASA's Swift mission, which have an angular resolution similar to that of the Auger surface detectors.

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

The Pierre Auger 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 437-440

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