

# Search for Anisotropy in the Flux of Cosmic Rays Using the LAT Instrument on the Fermi Gamma-Ray Space Telescope

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Designed as a high-sensitivity gamma-ray observatory, the Fermi Large Area Telescope (LAT) can also identify high-energy cosmic ray electrons and protons with angular resolution of better than one degree above 50 GeV. The statistics of such samples are quite large, with several million identified protons and electrons in 10 months of data. We discuss the prospects for measuring anisotropies in the arrival directions of cosmic rays identified by the LAT in the first year in orbit.

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