



ID de Contribution: 48

Type: Non spécifié

Recent highlights of very-high-energy gamma-ray observations by the MAGIC telescopes

mercredi 29 mars 2023 08:30 (15 minutes)

Observations of very-high-energy (above a few tens of GeV) gamma rays from the universe play an important role to deepen our understanding of physics in extreme environments and of fundamental physics. MAGIC is a system of two 17-m diameter imaging atmospheric Cherenkov telescopes and provides a broad energy coverage, detecting gamma rays from 50 GeV and up to 100 TeV. In this contribution, I will present a selection of the recent scientific results obtained by the MAGIC telescopes, such as the discovery of TeV emission from the gamma-ray burst GRB 190114C, the evidence for proton acceleration in the nova RS Ophiuchi, and the results of TeV-scale dark matter searches.

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Classification de Session: High Energy Astrophysics & Particle Physics

Classification de thématique: High Energy Astrophysics