

Toward a Public MAGIC Gamma-Ray Telescope Legacy Data Portal

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The MAGIC telescopes are one of the three major IACTs (Imaging Atmospheric Cherenkov Telescopes) for observation of gamma rays in the TeV regime currently operative. MAGIC operates since 2003, and has published data of more than 80 sources, mostly blazars, in several emission states. MAGIC already distributes astronomical .fits files with basic final scientific products such as spectral energy distributions, light curves and skymaps from published results.

We are working on an updated format of high-level data files that contains more information (for a complete legacy of results), in ascii format (for human eye readability) and compliant with VO requirements. The final goal is the legacy of all high-level products in MAGIC paper, possibly including multi-wavelength data specifically analyzed for the publications. This activity is also meant toward the new generation of IACT, the Cherenkov Telescope Array Observatory.

In this contribution we describe this project.

Primary author: DORO, Michele (University of Padova)

Co-authors: PRANDINI, Elisa (DFA Padova); VIALE, Ilaria (University and INFN Padova); MARCHESI, Stefano (Istituto Nazionale di Astrofisica (INAF))

Presenter: DORO, Michele (University of Padova)

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