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Data processing activities at the MAGIC site

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MAGIC is a system of two imaging atmospheric Cherenkov telescopes located on the Canary Island of La Palma. The fast processing of the data at the observation site plays an essential part in the operation of the telescopes and has continuously improved since the beginning of the experiment.

The on-site computing can be divided into three major contributions: the MAGIC online analysis (MOLA), providing preliminary real time analysis results; the on-site analysis (OSA), providing final data products at the end of each observation night; and the Data Check (DC), an everyday check on the telescope's subsystems performance and the quality control of the data observed previous night.

We present the status of the system, including the latest upgrades and details on its performance.

Collaboration

MAGIC

Registration number following "ICRC2015-I"

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