

## Recent Highlights of MAGIC

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**Abstract:** MAGIC, consisting of two 17m diameter imaging atmospheric Cherenkov telescopes, is the first instrument for doing astrophysics by means of gamma rays in the energy range 50GeV–50TeV. The telescopes are separated by 85m distance and are located at 2200m a.s.l. in the Roque de los Muchachos European North Observatory on the Canary island of La Palma. Since 2004 the MAGIC-I telescope was taking scientific data. The sensitivity of the detector has been substantially improved in 2009 when we added the almost identical MAGIC-II second telescope and started operating them in a coincidence mode. MAGIC helped us to make a very rich scientific harvest in the past years. Recently, aiming to make the telescopes more homogenous in response and for boosting their sensitivity, we upgraded them. Since fall 2012 MAGIC is taking data with an unprecedented sensitivity. Still, by using the novel SUM-trigger system, we are going to further increase the sensitivity above the energy threshold of a few tens of GeV. In this report we are going to present the recent observational highlights of MAGIC of both galactic and extragalactic origins.

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**Not available.**