

8th Heidelberg International Symposium on High-Energy Gamma-Ray Astronomy

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The MAGIC of VHE gamma-ray astronomy

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The instrumentation for gamma-ray astronomy has advanced tremendously during the last two decades. The study of the most violent environments in the Universe has opened a new window to understand the frontier of physics, exploring processes that are beyond the capabilities of Earth-based laboratories to replicate. One of the instruments at the forefront of ground-based gamma-ray astronomy is the MAGIC stereoscopic system, which consists of two 17-m diameter mirror dish telescopes located at 2200m a.s.l. on the Canary Island of La Palma, in Spain. MAGIC is an established world-wide leading instrument for gamma-ray astronomy in the energy range from 20 GeV to beyond 100 TeV, and an active participant in multiple multiwavelength and multimessenger observational campaigns. In the conference, I will provide a status report of MAGIC, including the discussion of a few recent results, and discuss the prospects for the near future.

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