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Non-specialist talk - Extragalactic Science with H.E.S.S.

Thursday, 6 July 2017 10:00 (40 minutes)

This talk provides a general introduction of the High Energy Stereoscopic System (H.E.S.S.), the world's largest ground-based gamma-ray observatory, located near Windhoek, Namibia. I will then present some highlights of extragalactic science done with H.E.S.S., including the study of active galactic nuclei, rapid follow-up observations of transients (including gamma-ray bursts), the search for signatures of dark-matter annihilation, and the study of physics beyond the standard model.

Presenter: Prof. BOETTCHER, Markus (North-West University)

Session Classification: Astrophysics