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The H.E.S.S. experiment : current status and future prospects

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In the 15 years since its construction, the H.E.S.S. gamma-ray observatory has allowed the study of the VHE gamma-ray sky at resolutions and sensitivities which were never before possible. During this period H.E.S.S. has discovered a rich zoo of both galactic and extra galactic source classes, made measurements of the galactic cosmic ray spectrum and placed limits of fundamental physical processes.

We will present a summary of the latest H.E.S.S. results for these source classes, describing the most interesting new observations and their physical interpretation. Additionally I will detail the latest upgrades and improvements to the H.E.S.S. hardware and data analyses and the future science prospects for the experiment.

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