

Abstract Submitted
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High-Energy Gamma Rays with the Cherenkov Telescope Array

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The Cherenkov Telescope Array (CTA) will be a new observatory for the study of very-high-energy gamma-ray sources, designed to achieve an order of magnitude improvement in sensitivity in the 30 GeV to 100 TeV energy band compared to currently operating instruments: VERITAS, MAGIC, and H.E.S.S. CTA will probe known sources with unprecedented sensitivity, angular resolution, and spectral coverage, while also detecting hundreds of new sources. This presentation will describe the science drivers for CTA and the status of the project.

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