

Abstract Submitted
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TeV astrophysics with the HAWC observatory MORA DUROCHER, Los Alamos National Laboratory, HAWC COLLABORATION — The High Altitude Water Cherenkov (HAWC) Observatory, located in central Mexico at 4100 m above sea level, is sensitive to gamma rays from 300 GeV to more than 100 TeV and continuously observes a wide field-of-view (~ 2 sr). With its high energy reach and large area coverage, HAWC is well-suited to perform unbiased surveys of the TeV sky. This had lead to numerous studies: cataloging and classifying TeV gamma-ray sources, setting limits on Dark Matter and the Diffuse Gamma-Ray Background, and investigating galactic and extragalactic extended sources as well as high-energy particle acceleration sites. This presentation will be an overview of HAWC's latest findings on these subjects.

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