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The VERITAS Dark Matter and Astroparticle Physics Program

Friday, September 16, 2016 2:00 PM (20 minutes)

VERITAS is an array of imaging atmospheric Cherenkov telescopes devoted to the study of the gamma-ray sky in the energy range between 85 GeV and > 30 TeV. VERITAS observations enable a broad program of scientific inquiry, including the study of extreme astrophysical sources both within and beyond our galaxy, the search for dark matter, and a number of topics in astroparticle physics. We present an update on indirect dark matter searches performed with VERITAS, describe the current status and future prospects of the VERITAS multimessenger program, and summarize recent astroparticle physics results.

Summary

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Session Classification: Dark matter (indirect detection)

Track Classification: Dark matter (indirect detection)