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Performance of the VERITAS experiment

Tuesday, 4 August 2015 16:00 (1 hour)

VERITAS is a ground-based gamma-ray instrument operating at the Fred Lawrence Whipple Observatory in southern Arizona. With an array of four imaging atmospheric Cherenkov technique (IACT) telescopes, VERITAS is designed to measure gamma rays between ~ 85 GeV and ~ 30 TeV with a sensitivity to detect a point source with a flux of 1% of the Crab nebula flux within 25 hours. Since its first light observation in 2007, VERITAS has continued its successful mission for over seven years with two major upgrades: the relocation of telescope 1 in 2009 and a camera upgrade in 2012. We will present the performance of VERITAS and how it has improved with these upgrades.

Collaboration

VERITAS

Registration number following "ICRC2015-I"

548

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