Welcome to VERITAS
Last Updated Friday, 24 July 2020 12:20

Quick link to our results pages (one page per paper, with descriptive text and all figures).

VERITAS (Very Energetic Radiation Imaging Telescope Array System) is a ground-based gamma-ray instrument operating at the Fred Lawrence Whipple Observatory (FLWO) in southern Arizona, USA. It is an array of four 12m optical reflectors for gamma-ray astronomy in the GeV - TeV energy range. These imaging Cherenkov telescopes are deployed such that they have the highest sensitivity in the VHE energy band (50 GeV - 50 TeV), with maximum sensitivity from 100 GeV to 10 TeV. This VHE observatory effectively complements the NASA Fermi mission.

View of the FLWO basecamp and the VERITAS array. Click on the image for a hi-res version.
VERITAS is supported by grants from the U.S. National Science Foundation and the Smithsonian Institution, by NSERC in Canada, and by the Helmholtz Association in Germany. The collaboration acknowledges the excellent work of the technical support staff at the Fred Lawrence Whipple Observatory and at the collaborating institutions in the construction and operation of the instrument. We are grateful to Trevor Weekes for his seminal contributions and leadership in the field of VHE gamma-ray astrophysics, and for his interest in the wider applications of IACTs.