Contribution ID: **97** Type: **Contributed Talk**

Recent VERITAS Blazar Highlights

Tuesday 11 October 2022 14:00 (15 minutes)

VERITAS (the Very Energetic Radiation Imaging Telescope Array System) is an array of four 12-meter imaging atmospheric Cherenkov telescopes located at Fred Lawrence Whipple Observatory in Arizona. VERITAS is sensitive to gamma rays with energies between 85 GeV to 30 TeV. First light for the four telescope array was in 2007, shortly before the launch of Fermi. VERITAS has a large extragalactic program that includes hundreds of hours of blazar and radiogalaxy observations each year. Recent blazar results will be presented, including: discovery of very high-energy gamma-ray emission from the extreme BL Lac RBS 1366, flaring activity from several blazars (e.g. Mkn 421, 3C 279, PKS 1222+216, Ton 599, VER J0521+211, H 1426+428), and the results of an unbiased survey of high-frequency-peaked BL Lacs. Emphasis will be placed on results involving both VERITAS and Fermi data.

Track

AGN

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Session Classification: Parallel 3