

Abstract Submitted
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Optical, Gamma-ray and X-ray monitoring of Markarian 421 in 2005-2006 season KUEN LEE, Washington University in St. Louis, VERITAS COLLABORATION — Multifrequency observations of Mrk421 were taken in 2005-2006 season. The data set shows strong variability in gamma-ray, X-ray, and optical frequencies. This campaign is unique in the high level of gamma-ray coverage obtained given the dedication of the Whipple 10m telescope to this blazar monitoring program. Our observations also include a large number of optical observations made with the FLWO 1.2m telescope. Lightcurves and correlation functions will be presented. We discuss the implications of these observations for discriminating between various leptonic emission models and for constraining physical parameters of the inner jet of Mrk421.

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