Abstract Submitted
for the APR09 Meeting of
The American Physical Society

Simultaneous Multiwavelength Blazar Observations DANIEL GALL, WEI CUI, Purdue University, ANDY SMITH, Argonne National Laboratory, JOHN TONER, National University of Ireland, Galway, JOSE LUIS CONTRERAS, IGOR OYA VALLEJO, Universidad Complutense, Spain, IGNACIO DE LA CALLE, AITOR IBARRA, PEDRO RODRIGUEZ, European Space Astronomy Centre, Spain, MARKUS BOETTCHER, Ohio University, VERITAS COLLABORATION, MAGIC COLLABORATION — TeV blazars such as Markarian 421 and Markarian 501 are excellent laboratories for studying the physical processes within the jets of active galactic nuclei. However, the potential for rapid variability in these objects, as previously observed, makes it necessary for strictly simultaneous multiwavelength data to be utilized for studying their broadband behavior. To date, most studies have utilized contemporaneous data for broadband studies, however, due to the lack of truly simultaneous observations, the results from these studies may not be reliable. Here we describe an ongoing effort to obtain simultaneous multiwavelength data on TeV blazars and present the initial results.

Daniel Gall
Purdue University

Date submitted: 09 Jan 2009 Electronic form version 1.4