

Abstract Submitted  
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**VERITAS Observations of Galactic Compact Objects** ANDREW SMITH, Argonne National Laboratories, VERITAS COLLABORATION — After 3 years of observations, VERITAS has accrued a significant amount of data on galactic compact objects which are believed to be possible sources of TeV gamma rays such as high and low mass X-ray binaries and magnetars. We present the results of these observations, focusing specifically on LS I +61 303 which is one of only 3 binaries to be reliably detected in the TeV gamma-ray regime. Although LS I +61 303 has been extensively studied, the nature of high energy emission from the source is still poorly understood. We present the results of multi-wavelength observations conducted between 2006 and 2009 on LS I +61 303 utilizing data from VERITAS in the TeV gamma-ray regime, RXTE and Swift in the hard X-ray regime, and Fermi in the GeV gamma-ray regime. While the source is variable in all three of these energy regimes, a coherent relation (or lack thereof) between emission in these bands has not yet emerged.

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