

Abstract Submitted  
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**Search for VHE gamma-ray emission from SNR Gamma Cygni using VERITAS** MATTHEW SHAW, University of Utah, VERITAS COLLABORATION — The nearby ( $d \sim 1.8$  kpc) F8 star Gamma Cygni is located in a shell-type Supernova remnant associated with the bright EGRET unidentified source 3EG J2020+4017. In 2009, we observed Gamma Cygni at TeV ( $10^{12}$  eV) energies using VERITAS, an Imaging Atmospheric Cherenkov Telescope observatory located in southern Arizona. From observations made between May 24th and June 24th 2009, we selected 730 minutes of useable data for analysis. The data was analyzed using the standard GRISU package, with modifications to account for the optically bright star Gamma Cygni ( $V = +2.23$ ). At the meeting I will present some initial results of this analysis.

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