

## **VERITAS follow-up observations of dwarf nova MASTER OT J030227.28+191754.5 as a possible neutrino counterpart**

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A dwarf nova, MASTER OT J030227.28+191754.5, was detected as a possible counterpart of the astrophysical neutrino candidate IceCube-211125A. Follow-up observations by the VERITAS instrument of the nova location resulted in no detection for an exposure of 5.5 h. The nova was seen as a 10 mag outburst by the MASTER-Tavrida auto-detection system in temporal coincidence with the neutrino. Moreover, a possible blazar, 4FGL J0248.0+2232, lies within the the 90% localization region of the neutrino. A further combined analysis with 1h exposure on 4FGL J0248.0+2232 still yielded no detection. In this presentation we discuss the flux upper limits obtained from the analysis of the VERITAS data and the gamma and neutrino emission mechanisms from novae.

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