

Abstract Submitted  
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**Neutrino Astrophysics and the Fermi Large Area Telescope** ROOPESH OJHA, NASA/GSFC/UMBC, MATTHIAS KADLER, KARL MANNHEIM, University of Wuerzburg, FELICIA KRAUSS, University of Amsterdam, SARA BUSON, NASA/GSFC, FERMI-LAT COLLABORATION — Photo-hadronic emission models suggest both neutrinos and gamma-ray photons could be produced by accelerated photons in the relativistic jets of blazars. As the background spectrum falls rapidly with increasing energy, individual events with energies of the order of PeV and above are the best candidates in the search for their astrophysical origin. We present results from our search for possible FSRQ counterparts to high energy neutrinos detected by IceCube. We also present strategies implemented for quick Fermi-LAT followup of new IceCube detections.

Roopesh Ojha  
NASA/GSFC/UMBC

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