

Identifying multiwavelength counterparts to astrophysical neutrino events

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At production, high-energy neutrinos originating in astrophysical sources should be accompanied by gamma-rays. Depending on the properties of the emission environment and the distance of the source to Earth these gamma rays may be observed directly, or through the detection of lower energy photons that result from the interaction of these gamma rays with intervening radiation fields. We here present an update on an automated tool that aims to identify multiwavelength counterparts to astrophysical neutrinos events. The main goal of this tool is to enable prompt follow-ups by ground- and space-based observatories to help pinpoint the neutrino source.

Track

Analysis Techniques

Primary author: Dr SANTANDER, Marcos (University of Alabama)

Presenter: Dr SANTANDER, Marcos (University of Alabama)

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