

# Results of a search for Gamma-Ray Counterparts of IceCube Neutrino Events in the AGILE Public Archive

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The search for gamma ray counterparts of IceCube neutrino events is of paramount importance for understanding the role of blazars as candidate sources of cosmic high energy neutrinos. We have searched in the AGILE gamma-ray satellite public archive the counterparts of a sample of IceCube neutrino events detected between September 2018 and March 2020. We present the candidate sources in the error box centered on the detected neutrinos and their multi-frequency light curves and Spectral Energy Distributions, providing estimates of the gamma ray flux above 100 MeV for the AGILE detections. The possible associations with blazars and the role of blazar type are discussed.

## Poster prize

No

## Given name

Rosa

## Surname

Poggiani

## First affiliation

University of Pisa

## Second affiliation

## Institutional email

rosa.poggiani@unipi.it

## Gender

Female

## Collaboration (if any)

**Primary author:** Prof. POGGIANI, Rosa (PI)

**Co-authors:** PITTORI, Carlotta (Istituto Nazionale di Fisica Nucleare); Dr GASPARRI, Elena; LUCARELLI, Fabrizio (INAF-OAR & ASI-SSDC); GIOMMI, Paolo (Agenzia Spaziale Italiana)

**Presenter:** Prof. POGGIANI, Rosa (PI)

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