Clone of XIX International Workshop on Neutrino Telescopes



Contribution ID: 291 Type: Parallel Flash talk

Astrophysical or Atmospheric prompt neutrinos in Icecube?

Thursday, 25 February 2021 12:15 (5 minutes)

After a decade of Highest Energy Neutrino records at several tens TeV in Icecube we had no observed among first hundred of events,(exept an unique delayed neutrino-gamma 2017 flare) any sharp correlated brightest gamma-neutrino event. Icecube maps and events did not reveal any galactic plane signature, no significant tau double bangs. On the contrary Icecube found a remarkable

and comparable electro-muon flavor presence. All these almost missing imprint for any astrophysics are pointing to the ruling discover of the atmospheric charm neutrino signature able to smear and hide the underline astrophysical one.

Collaboration name

Primary author: FARGION, Daniele (ROMA1)

Presenter: FARGION, Daniele (ROMA1)

Session Classification: Astrophysical Models