

Searches for neutrino point sources with IceCube

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The discovery of a diffuse flux of astrophysical neutrinos opens up pressing questions about the nature of the astronomical objects producing it. The quest for the sources of the diffuse, high-energy neutrino signal led to the identification of the first compelling candidate, the blazar TXS 0506+056. Furthermore, the survey on 10 years of IceCube data revealed an excess at the 2.9σ level from the direction of the nearby Seyfert 2 galaxy NGC 1068. Despite these intriguing observations, the vast majority of the discovered high-energy neutrinos remain unresolved. In this contribution, we report on the most recent results from the search for neutrino point sources.

Track

Neutrinos

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