

Neutrino Astronomy Highlights from the IceCube Neutrino Observatory

Tuesday, 18 June 2024 16:30 (25 minutes)

The IceCube Neutrino Observatory is a neutrino telescope that uses the glacial ice at the South Pole to capture high energy neutrinos, probing extreme phenomena in our Universe. In this talk I will present recent highlights from the collaboration, including our latest results characterizing the properties of the diffuse astrophysical flux, a multi-energy neutrino search in connection with the brightest ever gamma ray burst, and the first image of our galaxy in neutrinos. I will then discuss future prospects for advancing the field with IceCube-Gen2.

Poster prize

Given name

Surname

First affiliation

Second affiliation

Institutional email

Gender

Collaboration (if any)

Primary author: AGUILAR SANCHEZ, Juan Antonio (Université libre de Bruxelles)

Presenter: AGUILAR SANCHEZ, Juan Antonio (Université libre de Bruxelles)

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