

Implications of IceCube's neutrino discoveries for ultrahigh-energy cosmic rays

Tuesday, 5 May 2015 17:12 (12 minutes)

The discovery by IceCube of the first high-energy neutrinos with plausible extraterrestrial origins is likely informing us about some of the most extreme environments in the Universe. I will discuss from a theoretical perspective what this new flux has already told us about the inner workings of the sources of extragalactic cosmic rays. Additionally, I will touch upon connections with a variety of other observations along with how these can be strengthened in coming years.

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Session Classification: Multi-Messenger

Track Classification: Multi-Messenger