Contribution ID: **329** Type: **Talk**

Recent results from IceCube

Monday, 27 August 2018 14:00 (20 minutes)

The IceCube Neutrino Observatory studies a wide range of phenomena including neutrino astronomy, dark matter searches, neutrino oscillations, and cosmic ray physics using a cubic kilometer of instrumented ice at the South Pole. Recently, IceCube reported evidence for the first identified source of the high energy astrophysical neutrino flux. This represents a major milestone towards understanding both the sources of high energy neutrinos and cosmic rays but the picture is far from complete. In this talk I will summarize IceCube's recent results and highlight how the identification of a high energy neutrino source fits into the context of IceCube's broader work to measure and understand the high energy astrophysical neutrino flux.

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Session Classification: Neutrino Astronomy

Track Classification: Neutrinos