



Contribution ID: 885

Type: **Plenary Speaker / Conférencier plénier**

## **IceCube and the Discovery of High-Energy Cosmic Neutrinos**

*Thursday 18 June 2015 11:45 (45 minutes)*

The IceCube project has transformed one cubic kilometer of natural Antarctic ice into a neutrino detector. The instrument detects 100,000 neutrinos per year in the GeV to PeV energy range. Among those, we have recently isolated a flux of high-energy cosmic neutrinos. I will discuss the instrument, the analysis of the data, and the significance of the discovery of cosmic neutrinos.

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**Session Classification:** R-PLEN Plenary Session - Francis Halzen, IceCube and Univ. of Wisconsin-Madison - Session plénière - Francis Halzen, IceCube and Univ. de Wisconsin-Madison