Contribution ID: **0** Type: **not specified**

Invited Talk: High energy neutrino astrophysics

Monday, 26 October 2015 10:00 (30 minutes)

Following the first observation of PeV neutrino events and successful measurements of high energy extraterrestrial neutrino flux in the energy region between a few tens of TeV and PeV significantly above the atmospheric neutrino background flux by IceCube, the field of neutrino astrophysics is becoming more and more active. In this contribution, I summarize the recent experimental results from cosmic neutrino observatories, such as IceCube and ANTARES. Theoretical interpretations and their challenges are briefly discussed followed by future prospects of the neutrino astronomy.

Primary author: Dr ISHIHARA, Aya (Chiba University)

Presenter: Dr ISHIHARA, Aya (Chiba University)

Session Classification: Plenary Talks

Track Classification: Plenary session