

Recent results from the IceCube Neutrino Observatory

Friday, 23 June 2017 14:35 (20 minutes)

The IceCube Neutrino Observatory, located at South Pole Station Antarctica, is currently the world's largest neutrino telescope with an instrumented volume greater than 1 gigaton. With sensitivity to neutrinos ranging in energies from approximately 10 GeV to the EeV-scale, IceCube has established a rich scientific program that includes the advent of neutrino astronomy and leading measurements of atmospheric neutrino oscillations. Latest results from the observatory, including expectations for the planned next generation detector, will be presented.

Primary author: Prof. GRANT, Darren (University of Alberta)

Presenter: Prof. GRANT, Darren (University of Alberta)

Session Classification: Joint Working Group: Astroparticle and Neutrino Physics

Track Classification: Astroparticle Physics and Cosmology Working Group