

# High energy neutrinos from the Cosmos: Recent results from the IceCube Neutrino Telescope

*Tuesday, 6 October 2015 13:15 (20 minutes)*

The neutrino observatory IceCube is opening a new observational window to the Universe. IceCube, which has been constructed in the icecap at the South Pole, is taking data since Spring 2011 in full configuration. The first years of data revealed the existence of extremely high neutrinos at the PeV scale. The observed diffuse neutrino flux is with high probability of astrophysical origin. In this talk I will summarize the recent observation and discuss the on-going searches for counterparts focusing in particular on the discussion of BL Lacs.

**Primary author:** Prof. RESCONI, Elisa (TU Munchen)

**Presenter:** Prof. RESCONI, Elisa (TU Munchen)

**Session Classification:** Astroparticle Physics

**Track Classification:** Astroparticle Physics