



Contribution ID : 161

Type : **Oral talk**

Neutrino astronomy at Lake Baikal

Wednesday, 23 October 2024 15:00 (30)

High energy neutrino astronomy has seen significant progress in the past few years. This includes the detection of neutrino flux from the Galactic plane, as well as strong evidence for neutrino emission from the active galaxy NGC 1068, both reported by IceCube. New results start coming from the two km³-scale neutrino telescopes under construction in the Northern hemisphere: KM3NeT in the Mediterranean sea and Baikal-GVD in Lake Baikal. After briefly reviewing the status of the field, we present the current status of the Baikal-GVD neutrino telescope and its recent results, including observations of atmospheric and astrophysical neutrinos.

Primary author(s) : ZABOROV, Dmitry (INR RAS)

Co-author(s) : BAIKAL-GVD COLLABORATION

Presenter(s) : ZABOROV, Dmitry (INR RAS)

Session Classification : Plenary

Track Classification : Neutrino physics