



Contribution ID : 791

Type : **Oral talk**

LVD status report: neutrino physics.

Thursday, 8 October 2020 18:50 (15)

The iron-scintillation detector LVD is designed to detect various types of neutrinos from collapsing stars in our Galaxy and in Magellanic Clouds. The report will present the results for 28 years of the experiment's existence. New limit has been set on the frequency of supernova detection in our Galaxy. The results of the correlation analysis between detectors LVD and BUST are presented. The results obtained during event registration from the CERN neutrino beam are discussed.

Primary author(s) : SHAKIRYANOVA, Irina (INR RAS); AGAFONOVA, Natalia (INR RAS); ASHIKHMIN, Vsevolod (INR RAS); DOBRYNINA, Ekaterina (INR RAS); ENIKEEV, Rasim (INR RAS); MALGIN, Alexey (INR RAS); RYAZHSKAYA, Olga (INR RAS); YAKUSHEV, Valery (INR RAS)

Presenter(s) : SHAKIRYANOVA, Irina (INR RAS)

Session Classification : Neutrino Physics

Track Classification : Neutrino physics