Contribution ID : 318 Type : Plenary/section talk

## Measurement of variations in the flux of atmospheric muons using underground LVD detector

Tuesday, 23 October 2018 09:30 (15)

Data on the measurement of the flux of atmospheric muons by a scintillation detector LVD at 3300 m w.e. depth with an average energy of 280 GeV are presented. The results of measuring the seasonal variation of the muon flux over 25 years of observations are discussed.

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

Presenter(s): AGAFONOVA, Natalia (INR RAS)

Session Classification: Particle Physics: Neutrino Physics

Track Classification: Particle physics: neutrino physics