



Contribution ID: 715

Type: **Parallel Talk**

Open problems in Neutrino Physics

Thursday, 6 July 2017 09:00 (30 minutes)

Present status of the major problems in neutrino physics is outlined. New approaches to their solutions, recent advances and developments will be reviewed. Landscape of the problems covers complete reconstruction of the neutrino mass and mixing spectrum, tests of nature of neutrino masses, searches for new physics beyond the SnuM, identification of the mechanism of neutrino mass and mixing generation, establishing possible connections between neutrino properties and other phenomena, elaboration of some still missing phenomenology, in particular, physics of collective oscillations in supernovae. Although most of these problems are well known, some new aspects emerge.

Experimental Collaboration

Primary author: SMIRNOV, Alexei (Max-Planck-Institute for Nuclear Physics)

Presenters: SMIRNOV, Alexei (Max-Planck-Institute for Nuclear Physics); SMIRNOV, Alexei (ICTP)

Session Classification: Neutrino physics

Track Classification: Neutrino Physics