

XXX-th International Workshop on High Energy Physics “Particle and
Astroparticle Physics, Gravitation and Cosmology: Predictions, Observations
and New Projects”



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Panel discussion on Neutrino physics

Thursday 26 June 2014 19:35 (45 minutes)

Moderator: Vladimir Obraztsov

Panelists: Akira Konaka, Motoyasu Ikeda, Filip Jediny, Evgeny Shirokov, Oleg Kalekin, Sergio Palomares-Ruiz

Questions:

1. Can sidereal time analysis of the long time neutrino observations give information about the galaxy distribution in the Local Universe?
2. How well do we need to know the PMNS matrix elements ?
3. Is the existence of MSW effect proved experimentally ?
4. Are there new species of neutrino (e.g. the «sterile» one)?
5. What are other most important problems in neutrino physics (CP-violation)?
6. Can sidereal time analysis of the long time neutrino observations give information about the galaxy distribution in the Local Universe?
7. Perspectives of existing and future neutrino experiments (LNBF, LAGUNA, ICARUS, SHIP ...)

Session Classification: Neutrino physics