



Contribution ID: 492

Type: **talk**

Status of Light Sterile Neutrinos

Thursday 23 July 2015 14:30 (15 minutes)

I review the experimental indications in favor of short-baseline neutrino oscillations. I discuss their interpretation in the framework of neutrino mixing schemes with one or more sterile neutrinos which have masses around the eV scale. I present arguments in favor of 3+1 neutrino mixing with one sterile neutrino at the eV scale. I discuss the implications for neutrinoless double-beta decay and cosmology.

Author: GIUNTI, Carlo (INFN - National Institute for Nuclear Physics)

Presenter: GIUNTI, Carlo (INFN - National Institute for Nuclear Physics)

Session Classification: Neutrino Physics

Track Classification: Neutrino Physics