



Contribution ID: 80

Type: **not specified**

The determination of neutrino mass pattern and neutrino properties.

Thursday, 19 May 2016 12:30 (20 minutes)

The determination of oscillation and, mainly, mass parameters is still a central problem of neutrino physics, having a great impact on elementary particle physics and astrophysics. After a brief review of the important steps forward of the last 10-15 years, we focused on the central issue of the mass hierarchy determination. We discuss some related theoretical aspects, the present state of art, the main recent experimental results obtained in this field and the potentialities of future experiments, with particular attention to the JUNO experiment, that should start taking data in China in a few years from now.

Presenter: ANTONELLI, Vito

Session Classification: Parallel Session 19 am