

Status of Three-Neutrino Mixing and Beyond

Wednesday 17 April 2013 09:00 (35 minutes)

In the first part

I briefly review the phenomenology of three neutrino mixing and

I describe the status

of neutrino oscillation experiments and

of the experiments measuring neutrino masses in the framework of three neutrino mixing.

In the second part

I review the experimental indications in favor of short-baseline neutrino oscillations

and I discuss their

interpretation in the framework of neutrino mixing schemes with one or more sterile neutrinos with masses at the eV scale.

Author: Dr GIUNTI, Carlo (INFN)

Presenter: Dr GIUNTI, Carlo (INFN)

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