

Neutrino oscillation studies

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The study of the neutrino oscillation has made important advances in the recent years with the measurement of the last mixing angle θ_{13} . This has opened up the interesting prospect of probing CP violation effects in the leptonic sector. In this talk I will review the status of the neutrino oscillation studies, with particular emphasis on the most recent results from T2K and NOvA, with first constraints on the CP violation parameter δ_{CP} . I will also briefly cover the future developments, in particular the T2K-II phase and the next generation long baseline projects Hyper-Kamiokande (Japan) and DUNE (USA), as well as various projects aimed at the determination of the neutrino mass ordering.

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