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Future Neutrino Experiments

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The discovery of neutrino oscillation revealed new physics beyond the standard model of particle physics. At present, the nature of neutrinos is among the most important issues in modern physics and has been studied widely. Experiments play an indispensible role in our understanding of Neutrinos, establishing how small theta13 is, whether there is CP violation in the lepton sector, the neutrino is a Majorana or a Dirac particle, and its absolute mass. However, the accuracies of current neutrino experiments are not good enough, and a next generation of experiments with higher precision is necessary. In this talk I will review the future neutrino experiments, including reactor, accelerator, and solar neutrino experiments and double beta decay experiments, etc.

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Classifica Sessioni: New Experiments

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