

Origin of neutrino masses and its experimental tests

Wednesday, 5 June 2024 13:30 (1 hour)

We discuss the origin of neutrino masses confirmed by various oscillation experiments. Especially, we consider the case when the Standard Model is extended by right-handed neutrinos and describe the so-called seesaw mechanism. We also discuss the possible tests of the seesaw mechanism where all neutrinos are Majorana fermions and the lepton number is violated. In particular, we show how properties of right-handed neutrinos, masses and mixings, are probed by the future experiments of neutrino-less double beta decays.

Please choose your flavour

Leptons

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Session Classification: Keynote Talks