

Heavy Neutrino-Antineutrino Oscillations at Colliders

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Symmetry protected type I seesaw models have been proposed as an explanation for the small masses of the observed neutrinos. These predict heavy neutral leptons that are organized in pseudo-Dirac pairs, whose mass splitting induces heavy neutrino-antineutrino oscillations. We employ a minimal phenomenological model to discuss the ability of future lepton collider experiments to probe the oscillatory signatures.

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