

Neutrinos as a window to MeV-TeV scale new physics

Tuesday, 8 October 2024 13:30 (30 minutes)

Abstract: In this talk, I will discuss how neutrinos can act as a window to MeV-TeV scale new physics, including (1) searches for lepton number violation in neutrinoless double beta decay, as well as low-energy precision and high-energy collider experiments; (2) direct and indirect searches for sterile neutrinos; (3) complementary searches for neutrino non-standard interactions, charged lepton flavor violation, and dark matter.

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Session Classification: 1008C