

Nonstandard neutrino interactions in radiative neutrino mass models

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In models of radiative neutrino masses, new scalar bosons that generate the masses can also induce significant nonstandard neutrino interactions (NSI). In this talk I will present our results of a comprehensive analysis of NSI in such models. Diagonal NSIs of order several percent are found to be possible, especially in the Zee model that utilizes charged scalars. Tests of this scenario at DUNE and LHC will be outlined.

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