

FLASY 2024: the 10th Workshop on Flavor Symmetries and Consequences in Accelerators and Cosmology



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Exploring Neutrino non-standard interaction

Wednesday 26 June 2024 10:30 (45 minutes)

I will provide a brief introduction of neutrinos and some results. Thereafter, I will use Neutrino non-standard interaction (NSI) as a beyond the standard model scenario to see its effects in the upcoming long baseline neutrino experiments DUNE and T2HK. One can find that the NSI can spoil the clean determination of the standard neutrino parameters. I will also comment on the implications of NSI in LFV muon decays and conclude with some remarks.

Presenter: GIRI, Anjan

Session Classification: Neutrinos