

# Phenomenology 2021 Symposium



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## Implications on new physics from neutrino non-standard interactions in the EFT framework

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The absence of any definite signals of new physics at colliders and from precision measurements has gradually changed our method in searching for new physics: from specific UV models to model-independent studies in the EFT framework. In light of the rich data from current and near-future reactor and long-baseline neutrino oscillation experiments, as well as the precision measurements of  $N_{\text{eff}}$  from Planck and CMB-S4, in this talk, I will present our recent work on neutrino non-standard interactions and also discuss their implications on the UV physics in a model-independent approach.

### Summary

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