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## Constraining neutrino non-standard interactions from low energy neutrino experiments

The standard three-active neutrino oscillation picture would be modified in the presence of neutrino non-standard interactions (NSIs). In a model-independent manner, I shall review dimension-6 SMEFT operators that can induce such NSIs. Then, by focusing on terrestrial neutrino oscillation experiments Daya Bay, Double Chooz, RENO, T2K, NOvA, as well as T2HK, DUNE, JUNO and JUNO-TAO in the near future, I will discuss their sensitivity to new physics in SMEFT. Results on neutral current NSIs from COHERENT and precision measurements of  $N_{\text{eff}}$  at both Planck and CMB-S4 will also be discussed.

**Primary author:** DU, Yong (ITP CAS)

**Presenter:** DU, Yong (ITP CAS)