

Probing Higgs sectors at the LHC and future experiments

In this talk, I will present a few case studies on Higgs sectors of new physics models. For the SMEFT, the projected measurements of triple and quartic couplings at the LHC and future colliders are provided. For the 2HDM, the discovery channels of new Higgs bosons are explored. For the MLRSM, the EW phase transitions are studied.

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