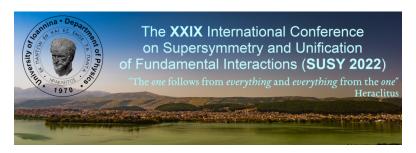
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Hidden patterns of new physics within the Higgs Yukawa Couplings

Friday 1 July 2022 18:00 (20 minutes)

In this talk we discuss briefly some of the main lessons that have been learned from the LHC about the profile of the Higgs boson. Then, we discuss possible patterns that models of new physics could leave on the couplings of the Higgs boson. In particular we discuss the dependence of the Higgs-Yukawa couplings on the fermion masses, an argue that in multi-Higgs type models, instead of a single-line, as in the Standard Model, these couplings display multiple lines, which could be used as discriminants for these models.

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