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Exploring new physics through extended Higgs sector

Thursday 26 November 2020 14:00 (30 minutes)

In this talk I will give a short review of how the Higgs sector could give us some clues of physics beyond the Standard Model. Precision measurements of the Higgs coupling in colliders might tell us something about the scale of a more fundamental theory. By the other hand, and extended Higgs sector could work as a portal for WIMP Dark Matter. The talk will be based on 1912.01758 [hep-ph] and 2011.09101 [hep-ph]

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Session Classification: Dark Matter and Beyond Standard Model Searches