Scalars 2017

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Exploring the Scalar Sector of the Twin Higgs Models

Saturday 02 Dec 2017 at 14:00 (00h15')

Content :

Twin Higgs models are the prime illustration of neutral naturalness, where the new particles of the twin sector, gauge singlets of the Standard Model, ameliorate the little hierarchy problem. I will discuss the phenomenological implications of the heavy Higgs of the Mirror Twin Higgs and Fraternal Twin Higgs models at the LHC. In particular, I will show how the scalar sector of the Twin Higgs models could lead to their potential discovery at the LHC.

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Session classification : parallel session 2

Track classification : --not yet classified--

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