

Scalars 2015

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Higgs-Radion unification in warped extra dimensions

Content :

I will talk about "Higgs-Radion unification" scenario, where an $SU(2)$ Higgs doublet plays the role of a stabilizing field in the Randall-Sundrum model-I (RSI). In the 4D effective theory the zero-mode of the Higgs-radion field mimics the scalar particle observed at the LHC with mass 125 GeV. I will discuss some of the phenomenological implications of this scenario.

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