

The Higgs from Remote Supersymmetry

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We interpret the recently discovered Higgs candidate as a standard Higgs Boson originating from an underlying string-derived supersymmetric theory.

The observed mass range of 124...126 GeV points towards a vanishing quartic coupling at intermediate to high scales. This compels us to study a class of String/F-Theory based models in which symmetries enforce a vanishing quartic Higgs coupling near the soft scale. We discuss the impact of radiative corrections to these symmetries and explore possible stringy realizations.

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