



Theory Seminar

Monday, November 19, 2007 2:10 PM 831 Pupin Hall

"Pseudo-Goldstone Higgs Boson"

It remains a viable possibility that the higgs mass is protected against large quantum corrections by a spontaneously broken approximate global symmetry. In this talk, I will review the recent developments in building models with a pseudo-goldstone higgs.

The minimal ingredients needed to pass electroweak precision tests have been identified and several robust experimental signals have been pointed out (e.g. strong WW scattering or suppression of the higgs production rate). Moreover, with the help of the 5D holographic description, it is possible to study the dynamics of the strongly coupled sector from which the higgs boson emerges.

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