Phenomenology 2014 Symposium



Contribution ID: 79 Type: not specified

Catching a Bouncing Higgs With Tops

Tuesday 6 May 2014 17:45 (15 minutes)

After the Higgs discovery at the LHC, it is important to keep a sharp eye on potential alterations to the Higgstop Yukawa coupling. As the most puissant contributor to negative running of the Higgs potential in the UV, the Higgs-top coupling is crucial to notions of naturalness and calculations of electroweak vacuum stability. This talk will focus on the two dimension six effective couplings of the Higgs which can be detected via non-SM kinematic distributions of ttbarH final states at the LHC. Some simple angular variables will be identified which can improve existing ttbarH LHC searches and extend their reach to this new physics kinematic regime.

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Session Classification: BSM Higgs IV