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Warped flavor, 126 GeV Scalar and the 100 TeV collider

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The key question after the LHC discovery of the 126 GeV scalar will be addressed by using insight from a geometric theory of flavor. In this construction a new mechanism that simultaneously triggers EW symmetry breaking and stabilizes the 5th dimension through the use of a doublet (see arXiv:1312.3331) will be discussed. In this interpretation the observed scalar is actually a “Higgs-radion” and there is no separate radion. So in that sense its a minimal model and has significant differences from the properties of the SM Higgs. Connection to ~100 TeV collider will also be discussed

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