## Rencontres de Moriond EW 2011



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## **Higgs Physics in Warped Extra Dimensions**

jeudi 17 mars 2011 19:20 (6 minutes)

Warped Extra Dimensions provide an elegant solution to both the gauge hierarchy problem and the flavor puzzle of the Standard Model of Particle Physics. The hierarchies between the electroweak and the Planck scale as well as those within the flavor sector are addressed in a five-dimensional setup with non-factorizable geometry.

As the Higgs boson has to reside close to the TeV boundary, it has a large overlap with the Kaluza-Klein excitations present in the theory. This results in interesting effects in Higgs-boson observables which will be the subject of this talk.

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Classification de Session: Young Scientists Forum 2

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