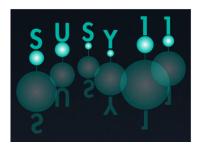
Supersymmetry 2011 (SUSY11)



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The Higgs 'Golden Channel' at 7 TeV

Monday, 29 August 2011 15:50 (20 minutes)

We perform a study of the expected significance of a Standard Model Higgs Boson signal at a 7 TeV LHC. Specifically we examine the H -> ZZ -> l+l-l+l- "Golden Channel" for a Higgs mass range of 175-350 GeV at various luminosities. We also examine exclusion limits should a signal not be seen.

Presenter: VEGA MORALES, Roberto (Northwestern University)

Session Classification: Parallel Session 4