

# LHC and ILC implications of a 125 GeV Higgs boson in supersymmetry (via WebEx)

*Wednesday 25 April 2012 17:05 (25 minutes)*

In light of the recent hints from the LHC for a positive Higgs signal around 125 GeV, we discuss the possible interpretations of such a scenario in supersymmetry. We derive constraints on the parameters of the minimal supersymmetric extension of the SM, and discuss phenomenological implications for this model at the LHC and the ILC.

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**Session Classification:** ACFA Physics