SUSY 2015, 23rd International Conference on Supersymmetry and Unification of Fundamental Interactions

Contribution ID: 37 Type: not specified

Higgs to SUSY decays at the full one-loop level

Friday 28 August 2015 14:20 (20 minutes)

We present recent result for the decay of (heavy) SUSY Higgs bosons into SUSY particles (sfermions, charginos, neutralinos), based on a full one-loop calculation. We analyze in particular the dependence on the complex parameters of the model. We find corrections at the level of 10-20% or higher.

Author: HEINEMEYER, Sven (CSIC (Santander, ES))

Presenter: HEINEMEYER, Sven (CSIC (Santander, ES))

Session Classification: Precision SUSY/Higgs/MCTools

Track Classification: Precision Computations and Monte Carlo Tools, all areas