

26th International Conference on Supersymmetry and Unification of Fundamental Interactions (SUSY2018)



Contribution ID: 185

Type: **Talk (closed)**

Higgs decays in the NMSSM

Wednesday 25 July 2018 18:20 (20 minutes)

We calculate all NMSSM Higgs-boson decays to SM particles at the full one-loop level. Special attention is paid to treat the MSSM part exactly as in the pure MSSM calculation. In this way any deviations can be attributed directly to the extended Higgs (and neutralino) structure in the NMSSM. We compare our results with several approximations used in the literature and emphasize the numerical and phenomenological relevance of the full one-loop corrections. These results will be included in the upcoming version of the code FeynHiggs.

Parallel Session

Electroweak, Top and Higgs Physics

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Session Classification: Electroweak, Top and Higgs Physics