

# Phenomenology 2014 Symposium



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## Searches for associated Higgs production

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The recently discovered Higgs Boson allows for novel search strategies for “natural” supersymmetric particles whose decay produces Higgs bosons. In particular, searches for associated higgs production provides significant limits on stops, chargino, and neutralino masses. Various accessible final states can result, notably the di-photon channel where the narrow Higgs resonance provides a clean signal channel and a robust background estimation method. Results for various relevant searches are presented and their results combined and interpreted.

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