

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



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## Studies of Higgs boson production in association with a $t\bar{t}$ pair

*Wednesday 25 July 2018 15:50 (20 minutes)*

The search for the production of the Higgs Boson with a pair of top-anti-top quarks is both very important and very challenging. This talk presents the analyses using Higgs boson decays to  $b\bar{b}$  pairs, to two Z bosons, to other multi-lepton final states, and to a pair of photons, using pp collision data collected at 13 TeV, as well as their combined results.

### Parallel Session

Electroweak, Top and Higgs Physics

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**Session Classification:** Electroweak, Top and Higgs Physics