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## Evidence for Higgs boson production in association with a $t\bar{t}$ pair

*Tuesday, April 17, 2018 11:50 AM (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  $36 \text{ fb}^{-1}$  of pp collision data collected at 13 TeV, as well as their combined results.

**Primary author:** CHOMONT, Arthur (Université Paris-Saclay (FR))

**Co-author:** REBUZZI, Daniela (Università e INFN, Pavia (IT))

**Presenter:** CHOMONT, Arthur (Université Paris-Saclay (FR))

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