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## Higgs boson production in association with a $t\bar{t}$ pair with the ATLAS detector

*Thursday, July 11, 2019 2:45 PM (15 minutes)*

The measurement of Higgs boson production in association with a  $t\bar{t}$  pair is essential to understand the top-quark couplings to the Higgs boson. 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.

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