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Search for $t\bar{t}H$ production at $\sqrt{s}=13$ TeV with the ATLAS detector

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A review of the searches for the SM Higgs boson produced in association with a pair of top quarks, $t\bar{t}H$, using pp collision data at $\sqrt{s}=13$ TeV, collected with the ATLAS detector at the LHC is presented. Searches for $t\bar{t}H$ production in the diphoton and multilepton channels are summarised, and special focus is given to the most sensitive channel, with the SM Higgs boson decaying to a pair of bottom quarks.

Summary

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