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Measurement of SM Higgs boson couplings to bottom and top quarks with the ATLAS detector

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Content

The latest results on the measurement of the cross sections and couplings of the Higgs boson in $t\bar{t}H$ production or its decay to bottom quarks are reported. The $t\bar{t}H$ production mode is analyzed in $H \rightarrow b\bar{b}$, $H \rightarrow \gamma\gamma$ and multilepton decay modes. The decay $H \rightarrow b\bar{b}$ is also searched for in the associated VH and Vector Boson fusion production modes. The results are based on pp collision data collected at 13 TeV with the ATLAS detector.

Session

Hadronic final states in high p_T interactions

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