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Measurement of Higgs boson properties using the ATLAS detector

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With the pp collision dataset collected at 13 TeV, detailed measurements of Higgs boson properties can be performed. This talk presents measurements of Higgs boson properties using various decay modes of the Higgs boson. The different production mode cross sections are determined, simplified template cross sections are measured, and interpretations of the results in different frameworks are obtained.

Primary author(s) : COLLABORATION, ATLAS; ARCANGELETTI, Chiara (INFN - LNF)

Presenter(s) : ARCANGELETTI, Chiara (INFN - LNF)

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