

Higgs differential cross-sections and CP Higgs couplings results with the ATLAS experiment

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With the pp collision dataset collected at 13 TeV, detailed measurements of Higgs boson properties can be performed. The Higgs kinematics and CP properties can be measured with various production and decay modes and interpreted to constrain beyond-the-Standard-Model phenomena. This talk presents the measurements of Higgs boson differential and fiducial cross-sections as well as their combination and interpretations, and limits on the mixing of CP-even and CP-odd Higgs states are set by exploiting the properties of diverse final states.

Submitted on behalf of a Collaboration?

Yes

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