

# DIS2023: XXX International Workshop on Deep-Inelastic Scattering and Related Subjects



Contribution ID: 30

Type: **Parallel talk**

## Measurement of Higgs boson differential and fiducial cross sections with the ATLAS detector

*Thursday 30 March 2023 12:10 (20 minutes)*

With the pp collision dataset collected at 13 TeV, detailed measurements of Higgs boson properties can be performed. The Higgs kinematic properties can be measured with increasing granularity, and interpreted to constrain beyond-the-Standard-Model phenomena. This talk presents the measurements of Higgs boson differential and fiducial cross sections with various decay modes, as well as their combination and interpretations.

### Submitted on behalf of a Collaboration?

Yes

### Participate in poster competition?

No

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