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## Measurements of the Higgs boson fiducial and differential cross sections in bosonic final states at the ATLAS experiment

*Thursday, 7 July 2022 10:00 (15 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 the Higgs boson fiducial and differential cross sections exploiting the Higgs decays into bosons, as well as their combination and interpretations.

### In-person participation

Yes

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**Session Classification:** Higgs Physics

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