



Contribution ID: 311

Type: **Parallel talk**

Measurement of cross sections in Higgs boson decays to two photons with the ATLAS detector

Thursday, July 11, 2019 12:00 PM (15 minutes)

Higgs boson decays to two photons can be selected with high efficiency, and the very good invariant mass resolution allow a robust subtraction of the backgrounds. This talk will present measurements of differential cross sections, as well as cross section measurements for the different Higgs boson production processes in the simplified template cross section framework using pp collision data collected at 13 TeV.

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Session Classification: Higgs Physics

Track Classification: Higgs Physics