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## Measurement of Higgs boson mass with the ATLAS detector

*Wednesday, 29 November 2023 16:20 (15 minutes)*

The mass of the Higgs boson is a fundamental parameter of the Standard Model which can be measured most precisely in its decays to four leptons and two photons, which benefit from excellent mass resolution. This talk presents the most recent measurements by the ATLAS experiment in these two channels, using the full Run 2 dataset of pp collisions at the LHC collected at 13 TeV.

### You are

non-PhD student

**Primary author:** PETERS, Krisztian (DESY)

**Presenter:** JIA, Zihang

**Session Classification:** Parallel: Precision & Yukawas

**Track Classification:** Precision & Yukawas