

# Higgs decays to dimuon and di-charm with the ATLAS detector

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In July 2012, the ATLAS and CMS Collaborations announced the discovery of a new particle with a mass of approximately 125 GeV at the CERN Large Hadron Collider (LHC). Subsequent measurements have indicated that this particle is consistent with the Standard Model (SM) Higgs boson. The ATLAS Collaboration has carried out a search for the Higgs to dimuon process with the data collected during Run 2 of the LHC. This talk is going to present the latest results of Higgs to dimuon search from the ATLAS experiment.

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