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Measurements of Higgs boson decays to leptons with the ATLAS detector

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The Higgs boson decays to di-leptons has been studied by the ATLAS Collaboration using pp collisions at the LHC. Recent results on the $H \rightarrow \tau\tau$ final state based on 36fb⁻¹ of data collected at 13 TeV will be shown. In addition searches for the Lepton Flavour Violating Higgs boson decays and for the $H \rightarrow \mu\mu$ final state will also be reported.

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