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Tau reconstruction and identification performance with the ATLAS detector for the High Luminosity LH

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Tau leptons play an important role in many Standard Model and Beyond the Standard Model physics processes that are being investigated at the LHC. This poster details studies of the expected performance of the reconstruction and identification of hadronic tau lepton decays using the ATLAS detector for the High Luminosity LHC (HL-LHC) upgrade.
The performance studies adapts the current ATLAS Tau algorithms to the specific beam conditions and detector upgrade expected for the HL-LHC

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