

Abstract Submitted  
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**Measurement of the  $ttH \rightarrow \tau\tau$  process using Run 2 ATLAS data** MARC TOST, University of Texas at Austin, ATLAS COLLABORATION  
— Shown is a measurement of the  $ttH$  process, in which a 125 GeV Higgs boson is produced along with a pair of top quarks. The Higgs boson is required to decay to all hadronic tau leptons, while all top quarks are required to decay to jets. This final state allows for full reconstruction of the Higgs boson, permitting differential measurements. Proton-proton collision data with a center-of-mass energy of 13 TeV collected by the ATLAS experiment at CERN's Large Hadron Collider are used.

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