



Contribution ID: 603

Type: parallel talk

# Electroweak precision measurements with the ATLAS Detector

*Tuesday 8 May 2018 17:15 (15 minutes)*

As part of its ongoing exploration into the nature of the particles produced in high energy proton-proton collisions, the ATLAS detector has been used to perform a number of new precision electroweak measurements. In this talk the recent measurements of the W-boson mass, the Drell-Yan triple-differential cross-section and the polarisation of tau leptons in  $Z/\gamma^* \rightarrow \tau\tau$  decays will be discussed.

## Summary

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**Session Classification:** QCD & EW II