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Measurement of tau polarization in $W \rightarrow \tau \nu$ decays with the ATLAS detector

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A measurement of tau polarization in $W \rightarrow \tau \nu$ decays is reported with data collected by the ATLAS experiment.

It is measured from the energies of the decay products in hadronic tau decays with a single final state charged particle, and it is found in agreement with the Standard Model prediction.

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Session Classification: TR 12 - Formal Theory Development & TR 1 - The Standard Model

Track Classification: Track 1 - The Standard Model and EW Symmetry Breaking - Higgs Searches