

From Vector Bosons to the Higgs: Studies of Tau-Lepton Final States with ATLAS

*Dr. Jürgen Kroseberg
Physikalisches Institut, Universität Bonn*

Tau leptons are an important probe in the search for new phenomena at the Large Hadron Collider (LHC). This seminar reviews selected analyses of tau-lepton final states with the ATLAS experiment, from the commissioning of the algorithms for the reconstruction and identification of hadronic tau decays to studies of W and Z production and searches for light Higgs bosons and other new particles.