



Contribution ID: 37

Type: LHC experiments

Data-driven methods for misreconstructed objects estimation in lepton final states using pp collisions at $\sqrt{s}=13$ TeV with the ATLAS detector at the LHC

Tuesday, June 5, 2018 4:00 PM (15 minutes)

Neutrinos mass generation is needed to explain neutrino oscillations. Seesaw mechanisms offer a solution and motivate searches for heavy neutral leptons in either opposite-sign or same-sign leptons final states. This contribution discusses the challenging backgrounds for same-sign final states, either due to incorrectly identified jets as leptons or to mismeasurements of the electron charge.

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