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, 5 June 2018 16:00 (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 mismesureaments of the electron charge.

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Session Classification: Posters session