Contribution ID: **425** Type: **Parallel Talk**

Tagging and calibration of large radius jets from boosted top quarks, W, Z and Higgs bosons in ATLAS

Saturday, 8 July 2017 10:00 (15 minutes)

In order to fully exploit the abundance of hadronically decaying high momentum top quarks, and W, Z or Higgs bosons produced at LHC, jet substucture has become crucial to a wide array of searches and measurements. The latest ATLAS results in terms of optimisation and performance of large radius jets taggers are presented. The calibration of large radius jets energy and mass and their systematic uncertainties are also presented.

Experimental Collaboration

ATLAS

Primary authors: CLEMENT, Christophe (Stockholm University (SE)); CLEMENT, Christophe (Stockholm University)

Presenters: CLEMENT, Christophe (Stockholm University (SE)); CLEMENT, Christophe (Stockholm University)

Session Classification: Top and electroweak

Track Classification: Top and Electroweak Physics