



Contribution ID: 375

Type: **Parallel contribution**

Measurement of multi-jet cross-sections at ATLAS

Wednesday, 10 August 2011 14:20 (20 minutes)

Inclusive multi-jet production is studied using the ATLAS detector for proton-proton collisions with a center-of-mass energy of 7 TeV. The data sample corresponds to an integrated luminosity of 2.43 pb^{-1} , using the first proton-proton data collected by the ATLAS detector in 2010. Results on multi-jet cross sections are presented and compared to both leading-order plus parton-shower Monte Carlo predictions and next-to-leading-order QCD calculations.

Primary authors: Dr TAMSETT, Matthew Cleary (College of Engineering and Science-Louisiana Technical University); COLLABORATION, The ATLAS (CERN)

Presenter: Dr TAMSETT, Matthew Cleary (College of Engineering and Science-Louisiana Technical University)

Session Classification: Perturbative and non-Perturbative QCD

Track Classification: Perturbative and non-Perturbative QCD