

Production of direct photons at ATLAS

Monday 6 April 2009 17:15 (15 minutes)

The production of direct photons at ATLAS will be an ideal test of perturbative QCD (pQCD) in a kinematic region never observed before. Gaining a deeper understanding of pQCD is essential to searches for new physics at the LHC. In addition, differential cross-section measurements of direct photon production can be used to constrain parton density functions. The plans for the first direct photon measurement with the first LHC data will be presented.

Author: STOCKTON, Mark (University of Birmingham)

Presenter: STOCKTON, Mark (University of Birmingham)

Session Classification: Parallel Session 1 A - QCD and Electroweak

Track Classification: QCD and EW