

Detection of Jets and Photons at ATLAS

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The large production rate of jets and photons at the LHC will provide an ideal opportunity for testing perturbative QCD, for constraining the gluon parton density function, as well as for searching for new physics. The finely segmented calorimeters, together with an efficient tracking system, allows for precision measurements of photons and jets. In this presentation, the di-jet, direct photon and di-photon processes are addressed. Related topics, such as photon/jet calibration, separations and cross-section measurements are also discussed.

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