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## Study of Particle Correlations in ATLAS

*Friday, August 12, 2011 8:20 AM (20 minutes)*

This talk describes minimum bias measurements using proton proton collisions at the ATLAS detector at the LHC at center of mass energies of 900 GeV and 7 TeV. Studies of charged particle multiplicity distributions and multiparticle correlations which are used to investigate soft QCD processes are presented. The measurements are compared with various theoretical models and Monte Carlo generators.

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