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ATLAS measurements of particle multiplicities and correlations (15'+5')

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Particle multiplicities and correlations are an important feature of physics at the LHC. They provide an insight into the environment in which all ATLAS physics measurements are performed. Measurements of charge and neutral particle multiplicities and of two-particle correlations with the ATLAS detector, made as a variety of centre-of-mass energies, are presented. These measurements are used to refine phenomenological models and probe production mechanisms.

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