

## Soft QCD results from CMS

Studies of hadron production in pp collisions, including charged particle transverse momentum, pseudorapidity and event-by-event multiplicity distributions at  $\sqrt{s} = 0.9, 2.36$  and 7 TeV are shown. Measured spectra of identified strange hadrons, reconstructed based on their decay topology, are also presented. Comparisons to several QCD Monte Carlo models and tunes are discussed. Results on two-particle angular correlations over a broad range of pseudorapidity and azimuthal angle in pp collisions are presented at  $\sqrt{s} = 0.9$  and 7 TeV. In high multiplicity events, a pronounced structure emerges in the two-dimensional correlation function for particle pairs with intermediate transverse momentum of 1-3 GeV/c. Furthermore, Bose-Einstein correlations between identical particles are measured in samples of proton-proton collisions at  $\sqrt{s} = 0.9$  and 7 TeV. Finally, a measurement of the underlying activity in scattering processes with a pT scale in the several GeV region is also presented.

**Primary author:** Dr KRAMMER, Manfred (HEPHY, Vienna)

**Presenter:** CHAO, Yuan

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