

Flow measurements from the CMS experiment

Tuesday, 24 May 2011 11:05 (20 minutes)

We report on the CMS measurements of charged hadron anisotropic azimuthal distributions from PbPb collisions at $\sqrt{s_{NN}} = 2.76$ TeV and their decomposition into a Fourier series up to the 6th coefficient. The results are presented as a function of transverse momentum, centrality and pseudorapidity and cover a broad kinematic range. The relation between the different harmonic coefficients and the scaling with the respective participant eccentricity are studied. These results could provide constraints on the theoretical description of the early dynamics in the hot and dense medium and its transport properties.

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Session Classification: Global collective dynamics

Track Classification: Global and collective dynamics