



Contribution ID: 328

Type: Oral Presentation

## PHENIX Measurements of Higher-order Flow Harmonics for Identified Charged Hadrons in Au+Au Collisions at 39 – 200 GeV

*Tuesday 14 August 2012 14:35 (20 minutes)*

Collective flow measurements continue to play an important role in ongoing efforts to map out the temperature dependence of the transport coefficient  $\frac{\eta}{s}(T)$ , for the strongly interacting matter produced in heavy ion collisions at RHIC. Recently, PHENIX has performed a detailed set of measurements of the higher-order flow coefficients ( $v_n$  for  $n=2,3,4$ ), for both inclusive and identified charged hadrons. The results from these new measurements in Au+Au collisions will be presented, as a function of  $p_T$ , centrality and beam collision energy, in concert with several scaling properties observed for these data. The role of these results as additional constraints for  $\frac{\eta}{s}(T)$  will also be discussed.

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**Session Classification:** Parallel 1A: Global & Collective Dynamics (Chair U. Heinz)