



XLVII International Symposium on
Multiparticle Dynamics (ISMD2017)

September 11-15, 2017, Tlaxcala City, Mexico

Contribution ID : 63

Type : **not specified**

System size, collision energy and rapidity dependence of collective dynamics measured by the PHENIX experiment at RHIC

Wednesday, 13 September 2017 11:00 (0:25)

Content

In high energy collisions, partons produced in the initial stage undergo the multiple interaction and yield a collective motion as a whole. Recently, several questions came up including how small the system can be for producing the collectivity, and how far in rapidity the collectivity extends. PHENIX has measured the particle flow in p/d/A+A collisions over several energies as well as over wider rapidity range. In this talk, we will summarize our results on the particle flow and discuss what we learned.

Session

Multiparticle correlations and fluctuations

Primary author(s) : Ms. HAN, Seyoung (Ewha womans university)

Presenter(s) : Ms. HAN, Seyoung (Ewha womans university)

Session Classification : Proton structure, small-and large-x physics (III)