## QM 2022



Contribution ID: 595 Type: Poster

## PHENIX results on collective flow in small systems

Wednesday, 6 April 2022 17:54 (4 minutes)

There is strong evidence for the formation of small droplets of quark-gluon plasma in  $p/d/^3$ He+Au collisions at the Relativistic Heavy Ion Collider (RHIC) and in p+p/Pb collisions at the Large Hadron Collider. In particular, the analysis of data at RHIC for different geometries obtained by varying the projectile size and shape has proven insightful. In this talk, we present a new analysis that confirms the previous results and extends the measurements of  $v_2$  and  $v_3$  towards larger pseudorapidity acceptances. The  $v_2$  measurements are further extended to non-central collisions and minimum bias p+p collisions.

Primary authors: DAVID, Gabor; TODOROKI, Takahito (University of Tsukuba)

Presenter: TODOROKI, Takahito (University of Tsukuba)

**Session Classification:** Poster Session 1 T05\_2

Track Classification: QGP in small and medium systems