

## Creation of quark-gluon plasma droplets with three distinct geometries

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- 1) What is pseudorapidity and why is it advantageous to use? (**Joey**)
- 2) How is the event centrality determined? (**Yenuel**)
- 3) What is the event plane determination method? (**Mahesh**)
- 4) Why is the p+Au collision not spherically symmetric in Figure 1? (**Ibrahim**)
- 5) Why do  $v_2$  and  $v_3$  for all three systems appear to converge at high  $p_T$  in Fig2? What kind of other production mechanism may be present at high  $p_T$  rather than plain plasma particles which hadronize (assumed in all model explanations in the paper), and should it also cause asymmetric production like  $v_2$  or  $v_3$ ? Have even higher  $p_T$   $v_2$  and  $v_3$  been measured at RHIC? (**Bishnu**)
- 6) How small can a quark-gluon plasma be? (**Som**)
- 7) What are color flux tubes and how do they relate to the models shown? How does the MSTV theory relate to the theories of Color Glass Condensate? (**Matt**)
- 8) What other models have been used to try to describe QGP or QGP-like effects and how well do they agree with experiment? (**Abinash**)