In what way are QGP like effects in small systems related to each other?

- 1 What is the multiplicity dependence of flow observables in theory and data (harmonic flow  $v_n$ , mean  $\langle p_T \rangle$ , HBT radii)?
- 2 What are the constrains on the produced fireball (temperature, size)?
- 3 Are the kinetic and chemical equilibration rates consistent with the observed harmonic flow (including heavy flavour) and the strangeness enhancement?
- Are the current null results regarding searches for jet quenching consistent with the decreased space-time volume of QGP?
- **5** What is the role of collective effects on hadronization in small systems?

What is the multiplicity dependence of harmonic flow in theory and data?



# How is radial flow generated in small and large systems?



## How are radial and elliptic flow fluctuations correlated?



## What are the systems size constraints from HBT?



Is strangeness enhancement due to chemical equilibration in small systems?



#### How do we achieve heavy flavour flow, but not energy loss?



# Do we understand the absence of jet quenching in small systems?



# Are hadron production mechanisms the same at small and large multiplicities?

