

Discussion on Gas Dynamics

The discussion will address two outstanding questions on the structure of the ISM and its efficiency at forming stars.

- **How matter decouples from magnetic fields for stars and proto-planetary disks to form?**
 - What are the relevant observations?
 - What can we learn from numerical simulations?
 - The modeling of cosmic ray propagation and chemistry
- **How to quantify/model the energy and momentum injection from stellar feedback into the multiphase turbulent ISM?**
 - What are the relevant observations?
 - What are the relevant processes and physical scales to model?
 - What can we learn from numerical simulations?