

2014 Agenda

Monday morning (9:00- 11:45)

- Ion heating: Dependence on inflow Alfvén speed and magnetic shear angle
 - o Observations (Tai)
 - o Simulations (Mike, Coby)

Monday afternoon (13:15- 17:00)

- Ion heating: Heating anisotropy, spatial structure, and firehose (Heli)
- Electron heating anisotropy and firehose: Observations (Jonathan)
- Energy partition: (Mike)

Tuesday (9:00-11:45, 13:15-17:00)

- Electron heating mechanism: no guide field case (Coby, Mike, Jim), asymmetric case (Paul)
- Ion heating mechanism: no guide field case (Mike, Coby, Jim)

Wednesday morning (9:00-11:45)

- Slow shock: Magnetopause symmetric reconnection event (Goetz, Bengt)

Wednesday afternoon:

- Ion heating with large guide field
 - o Mechanisms (Jim)
 - o Magnetosheath event observation-simulation comparison (Mike, Colby, Tai)

Thursday morning (9:00-11:45)

- X-line orientation (Nicolas, Paul, Jack: anti-parallel B component for small magnetic shear case)
- 3D localized reconnection
 - o Solar wind context: minimum X-line length (Jack, Paul)
 - o Magnetotail (reconnection jet front) (Jim)

Thursday afternoon (13:15- 17:00)

- Magnetopause: Not a traditional rotational discontinuity (Goetz)
- Voyager dilemma: Magnetosheath B rotation on approach to the low magnetic shear magnetopause/heliopause (Jim, Paul, Tai)
- Erosion of ICME (Nicolas for Benoit)

Friday:

- Asymmetric reconnection in the presence of shear flows (Paul)
- Simulation of reconnection without Hall term but with CGL equations: Fast reconnection! (Paul)