

NESSC-February 11am

Boston University – Room 500

Tentative Schedule:

10:00am:

David Webb: post CME current sheets and IP CMEs

10:30am:

Kathy Reeves: Energy diagnostics, current sheet formation and X-ray/EUV emission in a thermodynamic MHD CME simulations

11:00am:

Neel Savani: Tracking the momentum flux of a CME and quantifying its influence on geomagnetically induced currents at Earth

11:30am:

Chengcai Shen: Non-Equilibrium Ionization Modeling of the Current Sheet in a Simulated Solar Eruption

12:00-12:30: discussion+ lunch

12:30pm:

Nick Murphy: The Plasmoid Instability During Asymmetric Inflow Magnetic Reconnection

1:00pm:

Ray Fermo: Magnetic reconnection in the interior of interplanetary CMEs

1:30pm:

Christina Kay: Forecasting a CME's Altered Trajectory: ForeCAT

2:00pm:

Noe Lugaz: simulation of a CME from an anemone active region

2:30pm:

Matthew Gorby: Shocks, Alfvén wave excitation, and particle acceleration low in the corona.

3:00pm: general discussion of open issues/next topics/etc

Attendees: Nancy Crooker/ George Siscoe/David Webb/Kamen Kozarev
Christina Kay/Terry Forbes/Kathy Reeves/Jeff Hughes/Trae Winter/Kelly Korreck/Ofer
Cohen/Chuck Smith/Neel Savani/Noe Lugaz/Slava Merkin/Ray Fermo/ Chengcai
Shen/Matthew Gorby/Nick Murphy/Colin Joyce/Nathan Schwadron/Merav Opher/Berci
Zieger/Elena Provornikova/Leonard Strachan/Harald Kucharek/John Raymond/Charles
Ferrugia