

NIMROD Team Meeting, Agenda
October 28, 2006
Pre-APS-DPP, Philadelphia, PA
Room 401-402, Philadelphia Marriott

8:30-8:45 gathering

1. Applications

8:45-9:15 Update on ELM convergence properties (Sovinec)

9:15-9:45 Edge modeling at Lehigh (Pankin)

9:45-10:15 Tearing modes with hot particles (Kim)

10:15-10:30 break

10:30-11:00 Latest results on magnetic nozzle simulations for space propulsion (Tarditi)

11:00-11:15 Parallel neoclassical closures (Sharma)

11:15-11:30 Simulation of PPCD in MST from J. Reynolds (Bayliss or Sovinec)

2. Development:

11:30-12:00 Development for resistive wall (Kruger)

12:00-1:15 lunch break

3. Performance / moving to peta-scale

1:15-1:30 Performance limitations for milestone computation (Sovinec)

1:30-2:15 Jaguar port, parallel i/o, graphics information from A. Sanderson (Kruger)

2:15-3:00 Peta-scale kinetics (Held)

3:00-3:15 break

3:15-3:40 Scaling issues for hot-particle implementation (Kim)

3:40-4:05 Solver-related performance (Sovinec+?)

4:05-4:30 Discussion on performance improvement (all)

1b. Return to Applications

4:30-5:10 Resistive Stability of 2/1 Modes Near 1/1 Resonance (Brennan)

5:10-5:30 VIEW FROM OFES / arrangements for next team meeting

5:30 adjourn