

NIMROD Team Meeting, Agenda
August 14-16, 2006
University of Washington, Seattle, WA

MONDAY, AUGUST 14

1. Development:

8:30-8:45 gathering and welcoming (Adam Bruckner, Chair, Dept. Aero&Astro)
8:45-9:30 svn, autotools, regression tests (Kruger)
9:30-10:15 hot particle kinetics (Kim)

10:15-10:30 break

10:30-11:15 particle closure formulation and tests (Barnes)
11:15-12:00 parallel kinetics I (Held and Ji)
12:00-12:15 development-related discussion I

12:15-1:30 lunch break

1:30-2:15 two-fluid implementation and tearing tests (Sovinec)
2:15-2:45 Hall and GV interchange benchmarking (Schnack)
2:45-3:30 Crank-Nicholson advance (Glasser)

3:30-3:45 break

3:45-4:30 boundary conditions and SWIM summary (Kruger)
4:30-5:15 nonlinear interchange (Zhu)
5:15-5:30 development-related discussion II

2. Applications

TUESDAY, AUGUST 15

8:45-9:00 pre-meeting gathering
9:00-9:45 CDX-U simulations (Sovinec, Jardin)
9:45-10:10 heat transport in stochastic fields (James)

10:10-10:25 break

10:25-11:10 disruption mitigation (Izzo)
11:10-11:55 ELM/milestone (Sovinec+, including contributions from Brennan)
11:55-12:05 applications-related discussion I

12:05-1:15 lunch break

1:15-2:00 FRC (Macnab)
2:00-2:45 RFP fast-particle computations (Kim)
2:45-3:30 spheromak I (Nelson/Macnab/Kim)
3:30-3:45 applications-related discussion II

3:45+ team-building experience

7:30 NIMROD Team and PSI-Center dinner

WEDNESDAY, AUGUST 16

8:30-8:45 pre-meeting gathering
8:45-9:15 spheromak II/MRX/jets (contributions from Hooper, Murphy, Carey)
9:15-9:45 helicity injection (Bayliss)

9:45-10:30 PETA-SCALE COMPUTING PLANS (discussion led by Jardin)

10:30-10:45 break

10:45-11:30 OTHER LONG-RANGE PLANNING (discussion including ITER simulation)

11:30-12:00 VIEW FROM OFES / arrangements for pre-APS team meeting

12:00 adjourn