

List of NIMROD-related Presentations, APS-DPP 2008

1. BP6.00041, Howell, NIMEQ: MHD Equilibrium Solver for NIMROD
2. BP6.00042, Sovinec, Preconditioning for Three-Dimensional Two-Fluid NIMROD Applications
3. BP6.00043, Kruger, Anisotropic Heat Transport in the Presence of Resonant Magnetic Perturbations
4. BP6.00044, Sharma, Parallel heat flow and stress tensor in toroidal plasmas
5. BP6.00046, Cone, FRC Formation and Translation Simulations with Anisotropic Viscosity
6. BP6.00047, Nelson, Results from the PSI-Center Interfacing Group
7. BP6.00048, Kim, Kinetic Studies of ICC Devices using High Order PIC in Finite Elements
8. BP6.00074, Schlutt, An. and comp. inv. of the effect of finite par. heat trans. on the form. of mag. isl. in 3-D pl. eq.
9. CP6.00018, Jenkins, Modeling of RF/MHD coupling using NIMROD and GENRAY
10. CP6.00042, Ji, Relaxation of non-Maxwellian moments: an. solutions of the kinetic equation for uniform plasmas
11. CP6.00044, Cheng, Progress on the Kinetic MHD model
12. CP6.00070, Ebrahimi, Finite pressure effects in the Reversed Field Pinch
13. CP6.00075, Zhu, Nonlinear Ballooning Filament: Structure and Growth
14. CP6.00077, Squires, Dynamic Behavior of Peeling-Ballooning Modes in a Shifted-Circle Tokamak
15. GO3.00013, Granetz, Studies of runaway electrons during disruptions in Alcator C-Mod
16. GP6.00025, Murphy, Magnetic reconnection with asymmetry in the outflow direction
17. JP6.00012, Bird, Numerical Simulation of MHD Relaxation during Non-Inductive Startup of STs
18. JP6.00065, Izzo, Simulation of DIII-D Plasma Shutdown by Deuterium Dilution Cooling
19. NO3.00001, Weatherford, Spheromak Simulation in 3+1 Dimensions Using Multiscale Space/Time Spectral Elements
20. NP6.00028, Suzuki, Linear stability of resistive interchange modes in a cylindrical RFP plasma
21. NP6.00071, King, Numerical Studies of Nonlinear Two Fluid Tearing Modes in Cylindrical RFPs
22. NP6.00139, O'Bryan, Computational study of a non-ohmic flux compression startup method for STs
23. PO3.00013, Wu, 1-D Modeling of Massive Particle Injection (MPI) in Tokamaks
24. UP6.00023, Carey, MHD stability of extragalactic jets with azimuthal rotation
25. TP6.00087, McLean, Final Results from the SSPX Spheromak Program
26. TP6.00089, Stewart, Virtual diagnostics in NIMROD simulations for direct comparison to SSPX measurements
27. TP6.00090, Romero-Talamas, Numerical and experimental investigations of helicity sustainment in spheromaks
28. TP6.00092, Cohen, The Relationship of the $n=1$ Column Mode to Spheromak Formation
29. TP6.00091, Hooper, Spheromak aspect-ratio effects on poloidal flux amplification
30. TP6.00093, Lodestro, Multipulsed edge-current drive in a spheromak
31. TP6.00101, Akcay, NIMROD Simulations of Decaying and Driven Hit-SI Plasmas
32. TP6.00105, Macnab Extended MHD Simulations of the Formation, Merging, and Heating of Compact Tori
33. TP6.00118, Held, Numerical methods for anisotropic heat transport in high-temperature plasmas
34. UP6.00035, Forest, MHD Modeling of a Plasma Dynamo Experiment
35. YP6.00076, Takahashi, Kinetic effects of energetic particles on resistive MHD stability
36. YP6.00089, Brennan, Helical phase lag between coupled nonlinear res. MHD instabilities in toroidal flow shear