

FALL MEETING

SciDAC Center for Gyrokinetic Particle Simulation
of Turbulent Transport in Burning Plasmas

Room 407-408
Philadelphia Marriot Hotel, Philadelphia, PA

November 2, 2006

7:00P Lee - Opening remarks

7:10P Wang - Shaped plasma simulations and future plans

7:25P Ethier - GTC performance and optimization issues

7:40P Lin - Status and plan in global GTC turbulence simulation

7:55P Nishimura - Shear Alfvén wave studies in electromagnetic global gyrokinetic simulation of tokamak plasmas

8:10P Parker - ETG Convergence Studies, GEM Team status

8:25P Y. Chen - The growing weight problem

8:40P Rewoldt -- Application of GEM code for experimentally-realistic tokamak cases

8:55P Hahm - Theory team status and plan

9:10P Coffee break

9:25P Holod - Particle noise-driven flux in GTC simulations

9:35P Xiao - Theory of zonal flow residual level with arbitrary wavelength and collisionality

9:45P Jenkins – Particle noise issues

9:55P Diamond – Concluding remarks

10:05P Klasky - Data Management, Visualization and MPP issues

10:15P Plans for re-competition

11:15P Recess