

# Gyrokinetic Particle Simulation of Turbulent Transport in Burning Plasmas

APS 2008

# Recent and Upcoming Events

- **I.) 3 Papers at Geneva, IAEA**
  - P.H. Diamond, T.S. Hahm, et al. - Momentum Transport Theory and Simulation
  - Weixing Wang, et al. - Momentum Transport Simulation
  - Zhihong Lin, et al. - Transport Dynamics Simulation Studies
- **II.) Invited Talk, this conference**
  - Weixing Wang - Momentum Transport Simulations (Fri. AM)
- **III.) Winter School for Young Scientists**
  - Joint with GSEP, CPES
  - UCI, January or February 2009
- **IV.) Winter GPS Meeting**
  - UCSD, January or February 2009

# **Gyrokinetic Particle Simulation of Turbulent Transport in Burning Plasmas**

## **APS Session Program**

**Monday, November 17, 2008 7:30 PM**  
**Reverchon AB of the Hyatt Regency Dallas Hotel**

**Introduction: P.H. Diamond, UCSD (5 mins.)**

**I.) Momentum Transport**

Zhihong Lin (for Ihor Holod), UCI (10 mins.)  
T.S. Hahm (for Weixing Wang), PPPL (10 mins.)  
Chris McDevitt, UCSD (10 mins.)

**II.) Fluctuations and Turbulence Physics**

Kazuhiro Miki, UCSD (10 mins.)  
Zhanhui Wang, UCSD (10 mins.)

**III.) CTEM and Energetic Particle Dynamics**

Lu Wang, PPPL (10 mins.)  
Yong Xiao, UCI (10 mins.)  
Wenlu Zhang, UCI (10 mins.)

**IV.) Progress in Code Development**

Gregory Rewoldt (for Weixing Wang), PPPL (10 mins.)  
Yong Xiao, UCI (10 mins.)

**V.) Comments on New Collaborations**

Zhihong Lin, UCI and PKU (5 mins.)