Directions:

From I-95 South:

- Take Route 1 South (Exit 25B). Proceed approximately 1 mile to MD Rt. 193W
- Take Right onto 193W.
- Turn left at the 1st light
- Follow the map below to the Visitor Parking lot on Paint Branch Parkway (behind the Kim Building). An interactive map can be found at http://www.parking.umd.edu/themap

2008 Joint Research Symposium on Fluid Dynamics

Friday, May 2, 2008

Rooms 1107 & 1111
Jeong H. Kim
Engineering & Applied Sciences Building
University of Maryland
College Park, MD

You are cordially invited to this one-day event. Graduate students and post-doctoral fellows will be presenting ongoing research in fluid mechanics at Johns Hopkins University and the University of Maryland, College Park.
SYMPOSIUM SCHEDULE

09:00 Keynote Lecture: Prof. Mark Robbins
Johns Hopkins University
Connecting Atomic Dynamics to Macroscopic Flow: Where Does the Discreteness of Fluids Matter?

SESSION I

10:00 Air Entrainment in Ship Bow Waves 
Simulated by a 2D+T Technique – M. Tavakolinejad and J. Duncan, (UMD)
10:30-10:50 Break

SESSION II

10:50 Introducing the JHU Turbulence Database Cluster – Y. Yang, E. Perlman, M. Wan, et al. (JHU)
11:05 Flame Extinction in Turbulent Diffusion Flames – P. Narayanan and A. Trouve (UMD)
11:35 Aerodynamics of Golf-Balls – N. Beratlis and E. Balaras (UMD)

SESSION III

1:50 Electrowetting on Dielectric – A. Bonito (UMD)
2:05 Statistics of Multi-Scalar Turbulent Mixing From Planar Imaging Measurements – C.J. Brownell and L.K. Su (JHU)
2:35 Velocity Statistics of Quantum Turbulence: The Effects of Reconnection – M. Paoletti, K. Sreenivasan and D. Lathrop (UMD)
2:50-3:10 Break

SESSION IV

3:10 Rossby Waves in a Barotropic Shallow Water Model Resulting from the Mediterranean Drawdown During the Messian – L. Murphy and D. Kirk-Davidoff (UMD)
3:55 Living on the Boundary: From Viscous to Inertial Pumping Mechanics in Mayfly Nymphs – A. Sensening, K. Kiger and J. Schulz (UMD)
4:10-5:40 Reception

12:20-1:50 Lunch