



The Burgers Program for Fluid Dynamics



Tenth Annual Symposium

Wednesday, November 20, 2013

1:00 to 5:30 p.m.

**Jeong H. Kim Engineering Building
Kay Boardroom, Rooms 1107 & 1111**

- 1:00 – 1:15 **Welcoming remarks.**
James M. Wallace, Chair, Burgers Program for Fluid Dynamics, University of Maryland.
- 1:15 – 2:15 **Burgers Lecture: Concepts of dynamical systems theory in environmental science.**
Ulrike Feudel, Theoretical Physics/Complex Systems, Institute for Chemistry and Biology of the Marine Environment, Carl von Ossietzky University, Oldenburg, Germany.
- 2:15 – 2:50 **Investigation of turbulent pressure fluctuations by time-resolved tomographic particle image velocimetry.**
Fulvio Scarano, Department of Aerospace Engineering, Delft Technical University, The Netherlands.
- 2:50 – 3:50 **Student/Post-Doc poster session with refreshments.**
- 3:50 – 4:25 **Stability analysis of parallel two-phase flow in channels.**
Amir Riaz, Department of Mechanical Engineering, University of Maryland.
- 4:25 – 5:00 **The role of the Antarctic polar vortex and Rossby wave breaking on large-scale stirring in the lower stratosphere.**
Kayo Ide, Weather-Chaos Research Group, Department of Atmospheric and Oceanic Sciences, AOSC/CSCAMM/ESSIC/IPST, University of Maryland.
- 5:00 – 5:30 **Best poster awards and reception.**

