



# The Burgers Program for Fluid Dynamics

## Thirteen Annual Symposium

Wednesday November 16, 2016

Jeong H. Kim Engr. Bldg. 1107 and 1111

1:00 - 1:15

### *Welcoming Remarks*

#### **Jim Wallace**

Director, The Burgers Program for Fluid Dynamics  
Emeritus Professor, Department of Mechanical Engineering &  
Institute for Physical Science and Technology  
University of Maryland

1:15 - 2:15

### **Burgers Lecture**

#### *Scaling Law for the Turbulent Energy Spectrum in Density-Stratified Fluids: Kolmogorov or Bolgiano-Obukhov?*

#### **Jayanta Bhattacharjee**

Harsh-Chandra Research Institute  
Allahabad, India

2:15 - 2:50

#### *Simplified Fluid Mechanical Models of Human Birth*

#### **Megan Leftwich**

Department of Mechanical and Aerospace Engineering  
George Washington University

2:50 - 3:50

GRADUATE AND POST-DOCTORAL POSTER SESSION  
WITH REFRESHMENTS

3:50 - 4:25

#### *Wall Modeling of Large Eddy Simulation*

#### **Johan Larsson**

Department of Mechanical Engineering  
University of Maryland

4:25 - 5:00

#### *Arctic Climate Change*

#### **James Carton**

Department of Atmospheric and Oceanic Science  
University of Maryland

5:00 - 5:30

RECEPTION AND ANNOUNCEMENT  
OF BEST POSTER AWARDS



The Burgers Program for  
FLUID DYNAMICS

