

E298 Fluid Mechanics Seminar Schedule
Fall, 2008 @ 4:15 pm
Building 300, Room 300

September 23

Grigory Isaakovich Barenblatt - Department of Mathematics, UC Berkeley
Laminarization and Acceleration of a Horizontal Turbulent Shear Flow by Suspended Heavy Particles; a
Mathematical Model and Some Geophysical Applications

September 30

Siina Ilona Haapanen – Department of Aeronautics and Astronautics, Stanford University
Linear Stability Analysis and Direct Numerical Simulation of a Miscible Two-Fluid Channel Flow

October 7

Guenter Ahlers - Department of Physics and iQCD, University of California, Santa Barbara
The large-scale Circulation in Turbulent Rayleigh-Benard Convection

October 14

Juan Alonso- Department of Aeronautics and Astronautics, Stanford University
The NASA Program in Fundamental Aeronautics

October 21

Joe Shepherd – GALCIT, California Institute of Technology
Detonation in Gases

October 28

Wei Shyy - Department of Aerospace Engineering, University of Michigan
Aerodynamics of Micro Air Vehicles with Flexible/Flapping Wings

November 4

Lee Partridge Shunn- Department of Mechanical Engineering, Stanford University
Large Eddy Simulation of Combustion Systems with Convective Heat-Loss

November 11

Nagi Mansour – NASA Ames Research Center
Propagation of Sound Waves in the Heliosphere

November 18

Johan Larsson - Center for Turbulence Research, Stanford University
Fundamental Study of Canonical Shock/Turbulence Interaction

November 25

No seminar – APS DFD Meeting

December 2

Jacqueline H. Chen - Combustion Research Facility, Sandia National Laboratories
DNS of Turbulent Jet Flames in Heated Co-flow: Stabilization and Structure