

FLUID MECHANICS SEMINAR SERIES

FALL QUARTER 2009

Tuesdays at 4:15P.M. 300-300 Refreshments Served at 4:00 P.M.



Wall Turbulence

Prof. Parviz Moin Sep. 22
CTR, Stanford University

The Hydrodynamics of Chemical Cues Among Aquatic Organisms

Prof. Donald Webster Sep. 29
School of Civil & Environmental Eng., Georgia Institute of Technology

Peeking into the Rheology and Mechanics of the Cell

Prof. Mohammad R.K. Mofrad Oct. 6
Dept. of Bioengineering, University of California, Berkeley

Spike-type Compressor Stall Inception, Detection and Control

Prof. Scott C. Morris Oct. 13
Aerospace & Mech. Eng., University of Notre Dame

Computational Aeroacoustics of Complex Flows at Low Mach Number

Yaser Khalighi Oct. 20
CTR, Stanford University

Wavelet Methods in Computational Fluid Dynamics

Prof. Oleg Vasilyev Oct. 27
Dept of Mech. Eng., University of Colorado, Boulder

Friction Drag Reduction of External Flows with Bubble and Gas Injection

Prof. Steven L. Ceccio Nov. 3
Dept. of Mech. Eng. & Applied Mechanics, University of Michigan

Applications of Holography in Fluid Mechanics and Particle Dynamics

Prof. Joseph Katz Nov. 10
Dept. of Mech. Eng., Johns Hopkins University

Dynamics of winds and currents coupled to surface waves

Prof. Jim McWilliams Nov. 17
Institute of Geophysics & Planetary Physics & Dept. of Atmospheric & Oceanic Sciences, UCLA

Lattice-Boltzmann Method for Complex Flows

Prof. Cyrus Aidun Dec. 1
George W. Woodruff School of Mech. Eng., Georgia Institute of Technology

For seminar information, please contact Prof. Parviz Moin, moin@stanford.edu



58 years of Fluid Mechanics Seminars at Stanford