

FLUID MECHANICS SEMINAR SERIES

ENGR298

Spring 2016-17

Tuesday at 4:30 PM, Bldg. 300, Rm. 300 - Light Refreshments Served at 4:15pm



Apr. 4 "**Analysis, Monitoring, and Prediction of Wildland Fires**"

Dr. Janice Coen

National Center for Atmospheric Research, Colorado

Apr. 11 "**Dynamics of Cool Flames and its Impact on Turbulent Combustion and Modeling**"

Prof. Yiquang Ju

Dept. of Mechanical and Aerospace Engineering, Princeton University

Apr. 18 "**Recent Progresses Enabling Large Eddy Simulation Using the High-order FR/CPR Method**"

Prof. Z.J. Wang

Dept. of Aerospace Engineering, University of Kansas

Apr. 25 "**Improved CFD Modeling of Combustion with Data Assimilation**"

Prof. Xinfeng Gao

Computational Fluid Dynamics & Propulsion Laboratory, Colorado State University

May 2 "**Control of Instabilities in Low Speed Jets in Crossflow**"

Prof. Ann Karagozian

Dept. of Mechanical & Aerospace Engineering, University of California, Los Angeles

May 9 "**Real-Flame Effects in Laboratory Turbulent Flames: The Counterflow Paradigm**"

Prof. Alessandro Gomez

Dept. of Mechanical Engineering, Yale University

May 16 "**A Variational Method for Probing Extreme Events in Turbulent Dynamical Systems**"

Prof. Themis Sapsis

Dept. of Mechanical & Ocean Engineering, Massachusetts Institute of Technology

May 23 "**Navigating Turbulent Environments**"

Prof. Massimo Vergassola

Dept. of Physics, University of California, San Diego

May 30 "**Hybrid Modeling of Thermo- and Aero- Acoustics of Engine Core Noise**"

Jeffrey O'Brien, PhD Candidate

Dept. of Mechanical Engineering, Stanford University

June 6 "**The Anatomy of a Hypervelocity Flow**"

Prof. Joanna Austin

Dept. of Aerospace, California Institute of Technology

For seminar information, please contact Prof. Matthias Ihme, mihme@stanford.edu