

FLUID MECHANICS SEMINAR SERIES

ENGR 298

Spring 2018

Tuesdays at 4:30 PM, Bldg. 300, Rm. 300

Light refreshments served at 4:15 PM

- Apr. 3 **“Unsteady Fragmentation”**
Prof. Lydia Bourouiba
Dept. of Civil and Environmental Engineering and Mechanical Engineering, MIT
- Apr. 10 **“Experimental and Computational Investigation of the Fluid Mechanics of Endovascularly Treated Cerebral Aneurysms”**
Prof. Alberto Aliseda
Dept. of Mechanical Engineering, University of Washington
- Apr. 17 **“Entrainment Models for Wind Farms and Other Canopies, Enabling an Ideal Limit for Wind Farm Performance”**
Prof. Paolo Luzzatto-Fegiz
Dept. of Mechanical Engineering, UC Santa Barbara
- Apr. 24 **“Life in Complex Fluids”**
Prof. Paulo Arratia
Dept. of Mechanical Engineering and Applied Mechanics, University of Pennsylvania
- May 1 **“On the Physical Mechanisms of Droplet/Turbulence Interaction”**
Prof. Antonino Ferrante
Dept. of Aeronautics & Astronautics, University of Washington
- May 8 **TBD**
Prof. Andrea Bertozzi
Dept. of Mathematics and Mechanical and Aerospace Engineering, UC Los Angeles
- May 15 **“Investigation of Dynamic Subgrid-Scale and Wall Models for Turbulent Boundary Layers”**
Jane Bae, PhD Candidate
Institute for Computational and Mathematical Engineering, Stanford University
- May 22 **“Boundary Layer Ingestion for Transport Aircraft: Power Balance, Wind Tunnel Tests, and Analysis Framework”**
Prof. Alejandra Uranga
Dept. of Aerospace and Mechanical Engineering, University of Southern California
- May 29 **“Interfacial Flows and Physiochemical Hydrodynamics Associated with Ventilator-Induced Lung Injury: Mechanisms of Damage and Opportunities for Protection”**
Prof. Don Gaver
Dept. of Biomedical Engineering, Tulane University
- Jun. 5 **“Motion of Vortices with Buoyancy”**
Prof. Stefan Llewellyn Smith
Dept. of Mechanical and Aerospace Engineering, UC San Diego

For seminar information, please contact Prof. Alison Marsden, amarsden@stanford.edu