FLUID MECHANICS SEMINAR SERIES
ENGR298
Autumn 2019-2020
Tuesday at 4:30 PM, Bldg. 300, Rm. 300 - Light Refreshments Served at 4:15pm

Sept. 24 "Physical and Dynamical Systems Phenomena in Liquid-Solid Impacts"
Prof. Rouslan Krechetnikov
Department of Mathematical & Statistical Sciences, University of Alberta

Oct. 1 “Interfacial Dynamics: Wind, Droplet and Particles”
Prof. Sungyon Lee
Department of Mechanical Engineering, University of Minnesota

Oct. 8 "Pushing Boundaries: Flow in Confined Media"
Prof. Emilie Dressaire
Department of Mechanical Engineering, University of California Santa Barbara

Oct. 15 “Transport and Behavior of Non-Spherical Particles in Waves”
Michelle DiBenedetto, Postdoctoral Scholar
Woods Hole Oceanographic Institute

Oct. 22 “Flame Hole Dynamics Applied to the Modeling of Turbulent Nonpremixed Combustion"
Prof. Carlos Pantano
Department of Aerospace & Mechanical Engineering, University of Southern California

Oct. 29 TBD
Prof. Todd Squires
Department of Chemical Engineering, University of California Santa Barbara

Nov. 5 “Dynamics of Self-Organization in Active Materials”
Prof. Michael J. Shelley
Courant Institute of Mathematical Sciences, New York University
Center for Computational Biology, Flatiron Institute

Nov. 12 “Prediction of Drag for Rough Wall Boundary Layer Flows”
Prof. Karen Flack
Department of Mechanical Engineering, U.S. Naval Academy

Nov. 19 "Transport of Particles, Drops, and Small Organisms in Density Stratified Fluids"
Prof. Arezoo Ardekani
School of Mechanical Engineering, Purdue University

Nov. 26 No Seminar – Thanksgiving Break

Dec. 3 "Forked-Accelerated Simulation Technique (FAST)"
Prof. Mahdi Esmaily
Sibley School of Mechanical & Aerospace Engineering, Cornell University

For seminar information, please contact Prof. Ali Mani, alimani@stanford.edu