Jan. 5 “Measuring Mixing Efficiency in Stratified Flows”  
Dr. Megan Davies Wykes  
*Courant Institute, New York University*

Jan. 12 “Microfluidic Manipulation of Droplets using Synchronous Universal Logic Operations”  
Georgios (Yorgos) Katsikis, Ph.D. Candidate  
*Dept. of Bioengineering, Stanford University*

Jan. 19 “Double-diffusive Sedimentation”  
Prof. Eckart Meiburg  
*Dept. of Mechanical Engineering, UC Santa Barbara*

Jan. 26 “Subscale Wind Tunnel Tests of Two Parachute Designs for Mars Missions”  
Dr. Clara O’Farrell  
*NASA Jet Propulsion Laboratory*

Feb. 2 “Role of Mesoscale Eddies in the Climate of the Southern Ocean”  
Dr. Todd Ringler  
*Climate, Ocean, and Sea Ice Modeling Group, Los Alamos National Laboratory*

Feb. 9 “Traversing the Terra Incognita: Atmospheric Turbulence Modeling in the Gray Zone”  
Prof. Tina Chow  
*Dept. of Civil and Environmental Engineering, UC Berkeley*

Feb. 16 “Spreading, Splashing and Sparkling: Drop Impingement Phenomena on Porous Media”  
Prof. Cullen Buie  
*Dept. of Mechanical Engineering, Massachusetts Institute of Technology*

Feb. 23 “Splitting Vortices & Re-energizing Streaks: Dynamics of Vortical Disturbances in Viscoelastic Shear Flows”  
Prof. Tamer Zaki  
*Dept. of Mechanical Engineering, Johns Hopkins University*

Mar. 1 “The (Unreasonable?) Effectiveness of Resistive Force Theory in Granular Locomotion”  
Prof. Dan Goldman  
*School of Physics, Georgia Institute of Technology*

Mar. 8 “Siquieros and Pollock, Two Takes on the Same Subject: Painting with Hydrodynamic Instabilities”  
Prof. Roberto Zenit  
*Universidad Nacional Autónoma de México*

For seminar information, please contact Prof. John Dabiri, jodabiri@stanford.edu