













### 70th New England

## **Complex Fluids Workshop**

## Friday, March 24, 2017

Mason Laboratory
9 Hillhouse Avenue
Yale University
New Haven, Connecticut

8:45 am - 5 pm

#### **Agenda**

8:45–9:25am Breakfast and Registration, Welcome Lobby

#### **Morning Presentations**

9:30–10:05am Andrej Kosmrlj, Princeton University

Statistical Mechanics of Microscopically Thin Thermalized Structures

10:05–10:40am Maria Santore, UMass–Amherst

Near Surface Particle and Bacteria Motion Signatures in Flow

10:40–11:00am Coffee I, Welcome Lobby

11:00–12:00pm Sound Bites Session I: Auditorium

12:00–1:15pm Lunch: Welcome Lobby & Mason Lab 107

#### **Afternoon Presentations**

1:15–1:50pm Nicolas Giovanbatista, CUNY

Understanding the Complex Behavior of Liquid and Glassy Water Using the Potential Energy Landscape Approach

1:50-2:25pm Robert MacFarlane, MIT

Polymer- and DNA-Directed Assembly of Nanocomposites

2:30–3:30pm Sound Bites Session II: Auditorium

3:30–4:00pm Coffee II: Welcome Lobby

4:00–4:35pm Zahra Fakhraai, UPenn

Measuring Long-range Correlated Dynamics in Organic Glasses

#### Website www.complexfluids.org

Registration deadline March 22, 2017

#### **Sponsors**

Center for Research on Interface Structures and Phenomena (NSF MRSEC)

Dept. of Chemical & Environmental Engineering

Dept. of Mechanical Engineering & Materials Science

School of Engineering & Applied Science

Raymond and Beverly Sackler Institute for Biological,

Physical and Engineering Sciences







# Science Hill Parking Garage SCHOOL OF FORESTR ENVIRONMENTAL Mason Laboratory SCHOOL OF ENGINEERING & APPLIED SCIENCE GRADUATE SCHOOL

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#### **Parking**

Parking is provided free of charge to all participants at Science Hill parking garage, 200 Prospect Street (behind Ingalls Rink).

Guests must use PIN pad number **958#** (including the pound sign) to enter and exit the parking lot. Limited street parking (metered) is available on Hillhouse Avenue and other surrounding streets.

## **Directions to Yale Campus and Science Hill parking garage**

From I-95:

• Take exit to **I-91** and follow directions below.

From I-91:

- Use **Exit #3** from I-91 and follow exit ramp.
- Proceed through traffic light at end of exit ramp onto **Trumbull Street.**
- At next traffic light, turn right onto Whitney Avenue.
- Travel north on Whitney Ave. to the first traffic light.
- Turn left onto Sachem Street.
- Turn right onto Prospect Street. Travel past Ingalls Rink on your left.
- The entrance to the **Science Hill parking garage** will be on your left.

### **Directions to Mason Laboratory**

The workshop will be held in **Mason Laboratory** at 9 Hillhouse Avenue. It will take 10 minutes to walk from the parking garage.

- Walk south on Prospect Street. Turn left onto Sachem Street.
- Turn right onto Hillhouse Ave.
- Mason Laboratory will be on your left on Hillhouse after crossing Trumbull Street.