

# 55th New England Workshop on Complex Fluids

**Friday, June 7, 2013**

Lederle Graduate Research Tower, 16<sup>th</sup> floor

University of Massachusetts Amherst

9:45 a.m.–5:00 p.m.

## Invited Speakers:

- Daniel Aalberts, *Williams College*
- Jasna Brujic, *New York University*
- Shreyas Mandre, *Brown University*
- Ophelia Tsui, *Boston University*

## Schedule:

9:45-10:15 a.m.    **Registration, Lederle Graduate Research Tower (LGRT) room 1634 lounge**

**Morning Presentations, LGRT room 1634.**

10:15-10:45 a.m.    **Jasna Brujic**, New York University, Department of Physics  
*“Biomimetic emulsions shed light on lipid domain formation, membrane hemifusion,  
& cell-cell adhesion”*

10:45-11:15 a.m.    **Shreyas Mandre**, Brown University, School of Engineering  
*“The effect of size and shape on the capillary attraction between nearby floating objects”*

11:15-11:45 a.m.    **Coffee I, LGRT room 1634 lounge.**

11:45-12:45 p.m.    **Sound Bites Session I**

12:45-1:45 p.m.    **Lunch, LGRT room 1634 lounge.**

**Afternoon Presentations, LGRT room 1634.**

1:45-2:15 p.m.    **Daniel Aalberts**, Williams College, Department of Physics  
*“A universal formula for RNA loops”*

2:15-2:45 p.m.    **Ophelia Tsui**, Boston University, Department of Physics  
*“Viscosity of polymer nanometer films: effect of the interfaces”*

2:45-3:15 p.m.    **Coffee and Cookies**

3:15-4:30 p.m.    **Sound Bites Session II**