81st New England Workshop on Complex Fluids  
Friday, December 6, 2019  
Materials Research Science and Engineering Center  
Harvard University

Invited Speakers:

Thomas E. Angelini, University of Florida  
Michael E. Cates, University of Cambridge  
Connie B. Chang, Montana State University  
Alberto Fernandez-Nieves, Georgia Tech and University of Barcelona  
Allison M. Sweeney, University of Pennsylvania

AGENDA

8:00–8:55 a.m.  Breakfast and Registration, Maxwell-Dworkin, Ground Floor Lobby

Morning Presentations, Maxwell-Dworkin, Room G115

9:00–9:30 a.m.  Sound Bites Session I (*early bird)

9:30–10:00 a.m.  Thomas E. Angelini, University of Florida  
"Investigating cell behavior in 3D with 3D printed experiments"

10:00–10:30 a.m.  Connie B. Chang, Montana State University  
"Examining heterogeneous populations of microbes at the single cell level using stabilized emulsions"

10:30–11:00 a.m.  Coffee, Maxwell-Dworkin, Ground Floor Lobby

11:00–12:00 p.m.  Sound Bites Session II (*early bird)

12:00–1:30 p.m.  Lunch, Maxwell-Dworkin, Room 119

Afternoon Presentations, Maxwell Dworkin, Room G115

1:30–2:00 p.m.  Allison M. Sweeney, University of Pennsylvania  
"The evolution of equilibrium: Thermodynamic pattern formation outside of living cells"

2:00–2:30 p.m.  Alberto Fernandez-Nieves, Georgia Tech and University of Barcelona  
"Columns and waves of fire ants"

2:30–3:30 p.m.  Sound Bites Session III (*early bird)"

3:30–4:00 p.m.  Coffee and Cookies, Maxwell-Dworkin, Ground Floor Lobby

4:00 p.m.  Applied Physics Colloquium, Jefferson Laboratory, Room 250  
Michael E. Cates, University of Cambridge  
"Shear thickening in dense suspensions"