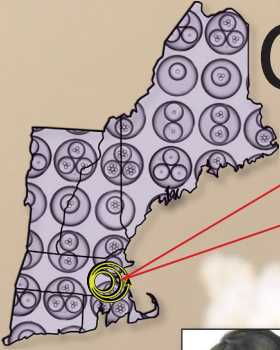


Announcing the **53rd** New England Complex Fluids Workshop

Friday, November 30, 2012
at Harvard University



S. J. Claire Hur, *Rowland Institute of Science*

"Differential inertial microfluidics: Deformability-based manipulation of disperse phase"



Daniel Blair, *Georgetown University*

"Local probes of nonlinear rheology in biopolymer networks"



Lisa Manning, *Syracuse University*

"The role of mechanics in embryonic tissues: Pattern formation and organogenesis"



Alex K. Shalek, *Broad Institute*

"Single-cell transcriptomics: Unbiased single cell approaches for gaining insight into immune cell behaviors"



Condensed Matter Seminar, Pierce 209

Fred MacKintosh, *Vrije University of Amsterdam*

"Elasticity on the edge of stability: Marginal networks inspired by the cell"

The workshop brings researchers with an interest in soft condensed matter and biophysics together to discuss their work and explore collaborations. The day will include breaks for lunch and coffee to facilitate the exchange of ideas. The event is free; registration is required.

Please register in advance by November 28, 2012 at www.complexfluids.org

Event Registration: Maxwell Dworkin, Ground Floor Lobby

Meeting Location: Maxwell Dworkin, G115, 33 Oxford Street, Cambridge, MA

Contact: Linn Eichler

Email: eichler@seas.harvard.edu

Tel.: (617) 495-4467

www.complexfluids.org

Sponsored by the Materials Research Science and Engineering Center at Harvard University.

Background: A three-day-old bacterial biofilm (*Bacillus subtilis*) grown on an agar hydrogel containing food. Courtesy of James N. Wilking. *New England States fill:* Optical micrographs of controllable monodisperse triple emulsions. (Liang-Yin Chu). The triple emulsions were generated from a capillary microfluidic device. More info and cool pictures can be found at: <http://www.seas.harvard.edu/projects/weitzlab>