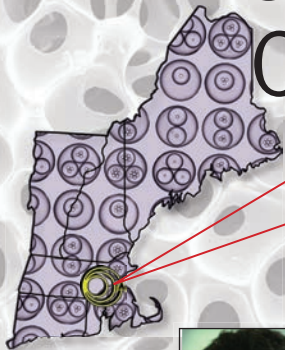


Announcing the 49th New England Complex Fluids Workshop



Friday, December 2, 2011
at Harvard University



Ethan Garner, *Harvard University*

"Watching the Motions of the Cell Wall Synthesis Machinery and Underlying Cytoskeleton in *B. subtilis* with High Precision Particle Tracking" Robotic Flies"



Chinedum Osuji, *Yale University*

"Magnetic Fields and Soft Matter – Directing Self-assembly of Block Copolymer, Nanowire, and Surfactant Mesophases"



Debra T. Auguste, *Harvard University*

"2 > 1: Cooperative Assembly in Drug Delivery"



Tal Raz, *GnuBio*

"Fully Integrated Target Enrichment, DNA Sequencing, and Variant Calling with Emulsion Microfluidics"



Stephen Quake, *Stanford University*

"Precision Measurement in Biology"

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 30, 2011 at www.complexfluids.org

Event Registration: Maxwell Dworkin, Ground Floor Lobby

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

Contact: Christina Andujar, MRSEC Center Coordinator

Email: candujar@seas.harvard.edu

Tel.: (617) 495-3275

www.complexfluids.org

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

Background: Hydroxyethyl methacrylate scaffolds comprised of percolating networks of 125 and 30 micron spheres. This scaffold architecture regulates cell proliferation and assembly. Courtesy of Bib Yang, Jin-Oh You, and Debra T. Auguste.

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>