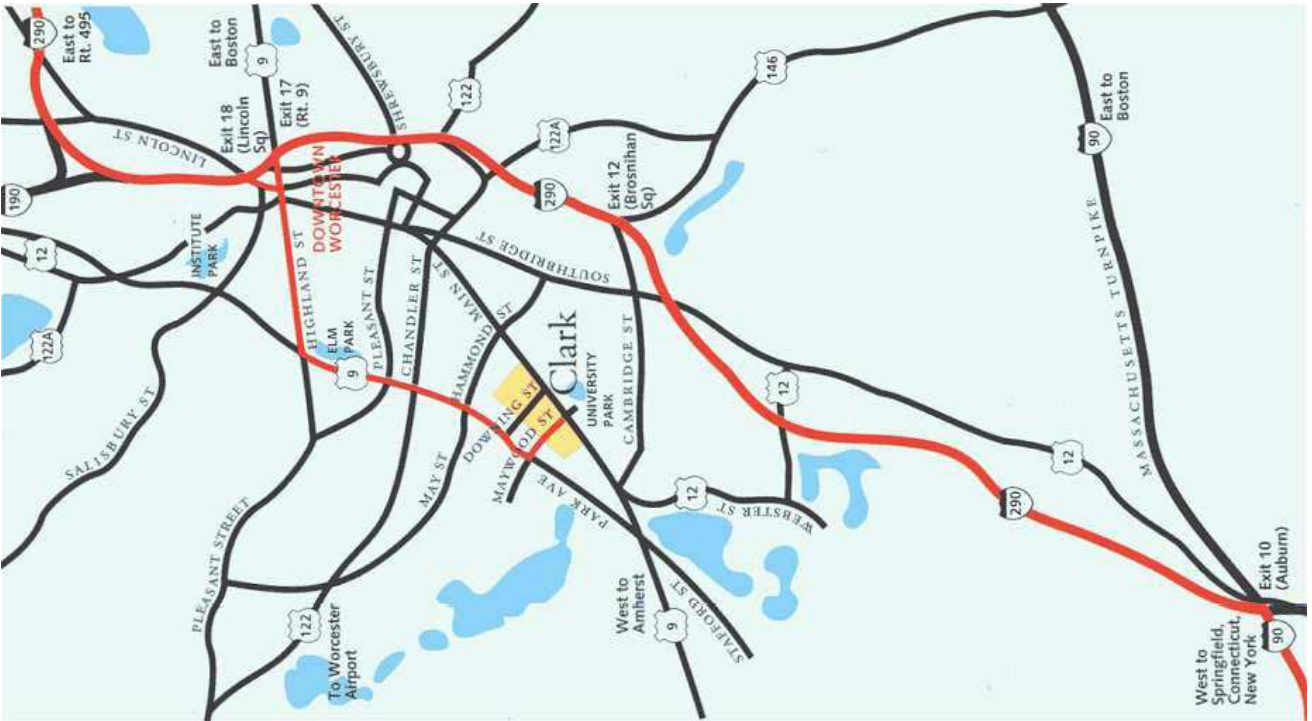


10th Quarterly Complex Fluids Workshop – Clark University

<http://physics.clarku.edu/complex-fluids>

- 9:15-9:45 – **Registration - Coffee/Bagels**
- 9:45 - 10:20 – **Invited Talk**
Micheal Brenner – Harvard – Optimal design of a MEMS relay switch
- 10:20 - 10:40 – **Contributed talks (4)**
Itai Cohen – Harvard – Confocal microscopy of systems under shear
Arezki Boudaoud – MIT – On size and growth of cells
Darren Link – Harvard – Pattern formation in microfluidic inverse emulsions
Nikolai Priezjev – Brown – Coarsening Dynamics of Biaxial Nematics
- 10:40 - 11:10 – **Coffee Break**
- 11:10 - 11:45 – **Invited Talk**
Eric Grelet – Brandeis – Liquid crystals in suspensions of virus
- 11:45 - 12:15 – **Contributed talks (4)**
Jaehyuk Choi – MIT – Granular Material
Bico José – MIT – Like a rolling stone
Norbert Schorghofer – MIT – Rhythmic Drainage Patterns
William Jensen – UMB – Addressing Aspects of Periodic Channelization in Seepage Erosion
- 12:15 - 1:45 – **Lunch**
- 1:45 - 2:20 – **Invited Talk**
Daniel Blair – Clark – Clustering in magnetized granular fluids
- 2:20 - 2:45 – **Contributed talks (5)**
James Bird – Brown – Model Experiments on Flagella Bundling
Huifen Nie – BU – Transformation kinetics of SEBS triblock copolymer solution in selective solvent
Zhenning Hong – BU – Atomic Force Microscopy of Gastric Mucin
Chang-Hwan Choi – Brown – Water flows in hydrophilic and hydrophobic microchannels
Megan Valentine – Harvard – Mechanics of the Cytoplasm
- 2:45 - 3:15 – **Coffee Break**
- 3:15 - 3:35 – **Contributed talks (4)**
Greg Randall – MIT – DNA-obstacle Collisions
MunJu Kim – Brown – Flow field around Helices
Alois Popp – Harvard – Bulk tissue imaging with internal laser sources
You-Yeon Won – Harvard – Micellar Adsorption of Dispersants on Graphitized Carbon
- 3:35 - 4:15 – **Invited Talk**
Brice Smith – MIT – Elastic properties of self-assembled biological springs
- 4:15 - 5:15 – **Discussions etc. . .**



Amherst: Take the Massachusetts Turnpike east to exit 10 (Auburn). Follow I-290 North to exit 11 (College Square, Southbridge Street). At the second light on Southbridge Street turn left onto Cambridge Street. Follow Cambridge Street for approximately two miles to the second light, a major intersection, and make a sharp right onto Main Street. At the first light turn left onto Maywood Street and after 100 feet park turn left into the lot. Around 1 hour

Boston and Cambridge: Take the Massachusetts Turnpike (I-90) west to exit 10 (Auburn). Follow I-290 East to exit 11 (College Square, Southbridge Street). At the second light on Southbridge Street turn left onto Cambridge Street. Follow Cambridge Street for approximately two miles to the second light, a major intersection, and make a sharp right onto Main Street. At the first light turn left onto Maywood Street. The Physics Department is on your right and the parking lot is on your left (park there). Park anywhere in the lot if the visitors section is full. Around 1 hour.

Providence: It is about a 50 minute drive from Brown University to Clark. To drive to Clark, take 146 toward Worcester. The main thing to remember when you enter Worcester from 146 is that you almost have to make a U-turn. Go under 290 and follow signs for 146 Millbury South until you can turn right onto Cambridge St. As is usual in New England, the streets are not clearly marked. Follow Cambridge Street west for approximately two miles to the third light, a major intersection, and make a sharp right onto Main Street. At the first light turn left onto Maywood Street.

Parking: Park anywhere if the visitors section is full. Enter the physics building through the lobby to the Sackler Science Center, a newer building visible as you enter the campus from Maywood Street.

Bus and Train: The commuter train leaves from South Station/ Boston at 8AM and arrives in Worcester at 9:17AM. A taxi will take you to Clark from the downtown bus depot or train station for about \$7–9. Two local taxis are Yellow Cab at 508-754-3211 and Arrow Taxi at 508-756-5184 (there are free phones to call both cab companies downstairs in the train station).

For all other direction needs please visit the web pages located at:
<http://physics.clarku.edu/directions/directions.html>