

# Boulder School for Condensed Matter and Materials Physics

## Physics of Soft Matter: Complex Fluids and Biological Materials

June 26-July 21, 2006

**Paul Chaikin**  
**Bulbul Chakraborty**  
**David Chandler**  
**Seth Fraden**  
**Daan Frenkel**  
**Bill Gelbart**  
**Jerry Gollub**  
**Josef Käs**  
**Albert Libchaber**  
**L. Mahadevan**  
**Tom Mason**  
**Simon Mochrie**  
**Phil Pincus**  
**Mark Robbins**  
**Joseph Rudnick**  
**Sam Safran**  
**Eric Weeks**  
**David Weitz**  
**John Widom**

*Colloids*  
*Glassy Dynamics and Jamming*  
*Statistical Mechanics*  
*Liquid Crystals*  
*Atomic and Molecular Simulation*  
*Viruses*  
*Fluid Mechanics*  
*Opto-mechanical probes*  
*Artificial Cells and Minimal Cells*  
*Continuum Mechanics*  
*Rheology and Emulsions*  
*Scattering Techniques*  
*Interactions*  
*Multi-Scale Modeling*  
*Random Walks and Diffusion*  
*Membranes*  
*Microscopy*  
*Gels and Glasses*  
*DNA Mechanics*

**Scientific Organizers:**

Corey O'Hern, Eric R. Dufresne, Thomas R. Powers,  
Anthony Dinsmore

**Local Organizer:** Leo Radzihovsky

The school will pay for most local expenses, and there are travel grants available for participants from U.S. universities. Students and postdocs interested in participating should submit an electronic application by the February 17 deadline. The application form, and detailed information regarding housing, travel and financial support are available at

**<http://research.yale.edu/boulder>**

The Boulder School in Condensed Matter and Materials Physics provides expert training, not usually available within the traditional system of graduate and post-graduate education, for advanced graduate students and postdoctoral researchers working in condensed matter physics, materials science and related fields. The School is supported by the National Science Foundation, with additional funding provided by the University of Colorado and NIST, and meets annually during July in Boulder, Colorado.

