

Boulder School for Condensed Matter and Materials Physics Biophysics

July 2-July 27, 2007

Topics Include:

Signals, noise and information flow in biological networks
Dynamics on multiple times scales: Adaptation, learning and evolution
Emergence of macroscopic functions from molecular mechanisms
Mechanics, from molecules to cells

Meredith Betterton (Colorado)

Dmitrii Chklovskii (CSHL)

Michael Desai (Princeton)

Winfried Denk (MPI)

Mark Goldman (Wellesley)

Jané Kondev (Brandeis)

Leonid Kruglyak (Princeton)

Philip Nelson (Penn)

Sebastian Seung (MIT)

Boris Shraiman (KITP, UCSB)

Peter Swain (McGill)

John Tyson (Virginia)

Ned Wingreen (Princeton)

+ additional lecturers to be confirmed

Scientific Organizers:

William Bialek (Princeton), Anirvan Sengupta (Rutgers),
Sima Setayeshgar (Indiana), Chris Wiggins (Columbia)

Local Organizer: Leo Radzihovsky (Colorado)

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 23 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.

