27th Annual CNLS Conference

COMPLEXITY OF BIOLOGICAL AND SOFT MATERIALS

Santa Fe, New Mexico USA
May 21-25, 2007

Invited Speakers:

Hagan Bayley (Oxford)*
Steven Block (Stanford)*
Robijn Bruinsma (UCLA)
Paul Chaikin (NYU)
Arup Chakraborty (MIT)
Eric Dufresne (Yale)
Erwin Frey (LMU Munich)
Angel Garcia (RPI)
William Goddard (Caltech)
Jay Groves (UC Berkeley)
Gerhard Hummer (NIDDK)
Chris Jarzynski (U Maryland)
Joseph Klafter (Tel Aviv)
Ka Yee Lee (U Chicago)
Reinhard Lipowsky (MPI Potsdam)
David Lubensky (U Michigan)
Atul Parikh (UC Davis)
Jacques Prost (Curie Inst)
Michael Roukes (Caltech)
Kevin Sanbonmatsu (LANL)
Klaus Schulten (UIUC)
Joan-Emma Shea (UCSB)
Boris Shraiman (UCSB)
Zuzanna Siwy (UC Irvine)
Villy Sundstrom (Lund U)
Doug Weibel (U Wisconsin)
David Weitz (Harvard)
Roya Zandi (UC Riverside)

***Indicates to be confirmed**

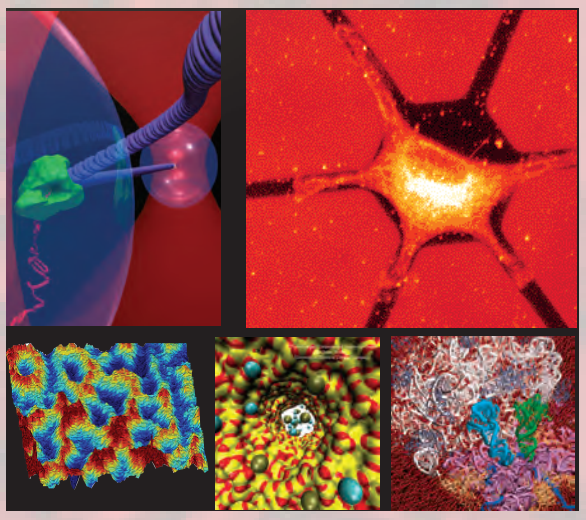

Image credits: Top left, Steve Block (Stanford); Top right, Harold Craighead (Cornell); Bottom left, Jay Groves (UC Berkeley); Bottom middle, Klaus Schulten (UIUC); Bottom right, Kevin Sanbonmatsu (LANL)

Major Themes

- **Molecular Motors/Cell Motility**
- **Cell Adhesion**
- **Membranes/Ion Channels**
- **"Active" Self-Assembly**
- **Biopolymers**

This conference focuses on the exciting, emerging, interdisciplinary field of biological and soft materials at the interface of physics, biology, and physical chemistry. Topics of particular interest include properties of biopolymers, membranes, and molecular motors, experimental and theoretical studies of single molecules, investigations of natural and artificial cells, and active self-assembly processes. In addition to providing a forum to share and discuss the latest advances in this field, the conference will highlight the achievements, importance, and potential of research collaborations in this area.

Call for posters: If you are interested in contributing a poster for the conference, please submit an abstract.

Organizing Committee
Eli Ben-Naim
Robert Ecke
William Hlavacek
Cynthia Reichhardt
Avadh Saxena
Andrew Shreve
Sergei Tretiak

Contact Information:
http://cnls.lanl.gov/annual27
annual27@cnls.lanl.gov
505-664-0187

LALP-06-178

Center for Nonlinear Studies

NNSA National Nuclear Security Administration

Los Alamos NATIONAL LABORATORY EST. 1943