

Laura Finzi, Emory University, Subgroup Chair

Nanoscale Biophysics Subgroup 2015 Symposium

Saturday, February 7, 2015

Baltimore, Maryland

Sponsored by PI and SciMeasure

- 12:00 PM Jeff Gelles, Brandeis University
Nanoscale Control of Actin Polymerization by a Formin-Capping Protein 'Decision-Making' Complex at the Filament Barbed End
- 12:30 PM Victoria Birkedal, Aarhus University, Denmark
Single Molecule FRET Analysis of Nucleic Acid Structures
- 1:00 PM Tom Perkins, University of Colorado, Boulder
Ultrastable AFM: Improved Stability, Precision, and Bandwidth for Bio-AFM
- 1:30 PM Hong Wang, North Carolina State University
Revealing Structure and Dynamics of Telomere Maintenance Proteins on DNA: One Molecule at a Time
- 2:00 PM Break
- 2:30 PM Amit Meller, Technion- Israel Institute of Technology
Native Proteins Characterization Using Nanopores
- 3:00 PM Student/Postdoc Talks:
Allison Squires, Boston University
Kevin Hauser, Stony Brook University
Raghavendar Reddy Sanganna Gari, University of Missouri, Columbia
- 4:00 PM Wesley Wong, Harvard University/Boston Children's Hospital
Revealing the Mechanical Regulation of Hemostasis with Novel Approaches in Single-Molecule Manipulation
- 4:30 PM Vahid Sandoghdar, Max Planck Institute for the Science of Light, Germany
Label-Free Optical Detection of Single Nanoscopic Bioparticles
- 5:00 PM Subgroup Business Meeting
- 6:00 PM Subgroup Dinner