

Victoria Birkedal, Aarhus University, Denmark, Subgroup Chair

Nanoscale Biophysics Subgroup 2014 Symposium

Saturday, February 15, 2014

San Francisco, California

12:00-12:30 PM, Jennifer Lippincott-Schwartz, NIH

Nanoscale Mechanisms Underlying HIV-1 Viral Particle Assembly and Release

12:30-1:00 PM, Jochen Feldmann, Ludwig Maximilians University, Munich, Germany

Nanoplasmonics Meets Bio

1:00-1:30 PM, David Klenerman, University of Cambridge, United Kingdom

Single Molecule Fluorescence Studies of Protein Aggregates and Their Role in Neurodegenerative Disease

1:30-2:00 PM, Caroline Ajo-Franklin, Lawrence Berkeley National Laboratory

Engineering Electron Nanoconduits to Electronically Interface Cells with Materials

2:00-2:30 PM, Break

2:30-3:00 PM, Joerg Bewersdorf, Yale University

Advances in Live Cell Nanoscopy

3:00-3:15 PM, Praveen Chowdary, Stanford University

Cooperative Mechanics of Multi-motor Axonal Transport Revealed by Novel Nanomanipulation in Live Neurons

3:15-3:45 Hiroshi Sugiyama, Kyoto University, Japan

Single-Molecule Observation in the DNA Origami Nanostructures

3:45-4:00 Duckhoe Kim, Columbia University

Beyond the Single-Molecule Limit in Biological Imaging

4:00-4:30 PM, Stephen Quake, Stanford University

Single Cell Genome Analysis

4:30-5:00 PM, Business Meeting

6:00 PM, Subgroup dinner

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