1:30 PM Opening Remarks and Subgroup Business Meeting

1:40 PM Erwin Peterman, Vrije University, The Netherlands
A Single-Molecule View on Intraflagellar Transport in C. elegans Chemosensory Cilia

2:00 PM Christina Hueschen, Stanford University, USA
Actin Self-Organization in Gliding Parasitic Cells

2:20 PM Wonmuk Hwang, Texas A&M University, USA
Position-Dependent Behavior of an Unbound Kinesin Head near the Microtubule Surface

2:40 PM Naomi Courtemanche, University of Minnesota, USA
Balancing Act: Profilin’s Competing Roles in Formin-Mediated Actin Polymerization

3:00 PM Mitsuhiro Iwaki, National Institute of Information and Communications Technology, Japan
Dynamic Coordination of the Lever-Arm Swing of Myosin II in DNA Origami-Based Thick Filament

3:20 PM Break

3:50 PM Emmanuel Derivery, MRC Laboratory of Molecular Biology, United Kingdom
Synthetic Reconstitution of Cortical Polarity to Study Cytoskeleton Symmetry Breaking

4:10 PM Morgan DeSantis, University of Michigan, USA
Regulation of Cytoplasmic Dynein-1 during Cell Migration
4:30 PM Flash Talks from: Ana Antonovic, Irene Pertici, Madhura Duttagupta, Ana Duarte, and Yuan Gao

4:50 PM Early Career Awardee: Scott Forth, Rensselaer Polytechnic Institute, USA

Deciphering the Mechanics of Microtubule Bundles in Mitosis

5:30 PM Closing Remarks

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