

Motility & Cytoskeleton 2019 Symposium
Saturday March 2, 2019
Baltimore, Maryland
1:00 PM – 6:15 PM

Convention Center Rooms: 318, 319 & 320

Subgroup Co-Chairs: William Hancock, Penn State University and Neil Kad, University of Kent

1:00 PM to 1:05 PM

Opening Remarks

1:05 PM to 1:30 PM

Magdalena Bezanilla, Dartmouth College, Hanover, NH, USA

Cytoskeletal dynamics during polarized growth

1:30 PM to 1:55 PM

Ethan Garner, Harvard University, Cambridge, MA, USA

Single molecule approaches to understanding bacterial width and growth

2:00 PM to 2:25 PM

Jonathan Bird, University of Florida, Gainesville, FL, USA

Sensing sound over a lifetime: how myosin motors continually shape the stereocilia cytoskeleton

3:00 PM to 3:25 PM

Ken'ya Furuta, National Institute of Information and Communications Technology, Hyogo, Japan

Re-design of linear molecular motors

3:25 PM to 3:50 PM

Erik Schäffer, University of Tübingen, Germany

Novel Optical Tweezers Probes: How Kinesin Motors Get to the Microtubule End

3:55 PM to 4:20 PM

Pasquale Bianco, University of Florence, Italy

A myosin II nanomachine mimicking the striated muscle

4:35 PM to 5:15 PM

Subgroup Business Meeting

5:15 PM to 6:15 PM

Michael Geeves, Kent University, Canterbury, UK

Lessons from the actin-myosin II family; docking, mechanochemistry and myopathies

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