

**Mihaly Kovacs**, Eotvos Lorand University, Budapest, Hungary, Subgroup Co-Chair  
**Christopher Yengo**, Pennsylvania State University, Subgroup Co-Chair

**Motility Subgroup 2013 Symposium**  
**Saturday, February 2, 2013**  
**Philadelphia, Pennsylvania**

**11:55 AM, Opening Remarks**

12:00 PM, Ahmet Yildiz, University of California, Berkeley  
*The Mechanism of Cytoplasmic Dynein Motility*

12:30 PM, Zeynep Ökten, Ludwig Maximilians University Munich, Germany  
*What Determines the Path of Kinesin Along the Microtubules?*

1:00 PM, Poster Highlights #1

**1:30 PM, Break**

1:45 PM, Georgios Tsiavaliaris, Hannover Medical School, Germany  
*Mechanisms of Mechanochemical Coupling in Low and High Duty Ratio Myosins*

2:15 PM, Andras Malnasi-Csizmadia, Eotvos Lorand University, Budapest, Hungary  
*Communication Pathways between the Functional Regions in Myosin Motor Domain*

**2:45 PM, Break & Subgroup Business Meeting**

3:30 PM, Toshio Yanagida, Osaka University, Japan  
*From Single Molecule Fluctuation to Muscle Contraction: A Brownian Model of A.F. Huxley's Hypothesis*

4:00 PM, Poster Highlights #2

4:30 PM, Stephen Kowalczykowski, University of California, Davis  
*Watching Individual DNA Helicases and Motor Proteins Behaving and Misbehaving*

**Subgroup Dinner**

8:00 PM, Susan Gilbert, Rensselaer Polytechnic Institute  
*Kinesin-14: A League of their Own*

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