

Tuesday 01/12:

Session III: Dynamics of Intracellular Structures (continued)

9h30-9h55: Grzegorz Wilczynski

Molecular Morphologic Approach to Study Protein Expression and Function in the Brain, a Case of MMP-9

9h55-10h20: Marta Pabis

The Cap-binding Complex Promotes Co-transcriptional Splicing in vivo

10h20-10h45: Tatyana Makushok

Role of Sterol-Rich Membranes in Positioning of Growth Sites in Fission Yeast

10h45-11h15: coffee break

Session IV: Optical Tools for Cell Biomechanics

11h15-11h40: Mirjam Mayer

*Cortical Flows and Cortical Tension in the Polarizing *C. elegans* Zygote*

11h40-12h05: Pawel Pomorski

To See a Signal: Formation of the Calcium Response to Nucleotide Stimulation

12h05-12h30: Ewa Paluch

Study of actin cortex assembly in laser-induced blebs

12h30-14h00 lunch + posters

Session V: Imaging in Developmental Biology

14h00-14h25: Philipp Keller

Shedding Light on the System: Reconstructing Development with Light Sheet-Based Microscopy

14h25-14h50: Daniele Soroldoni

Tracking Oscillating Gene Expression in vivo

14h50-15h15: Frank Schnorrer

The Making of Flight Muscle

15h15-15h45 coffee break

15h45-16h10: Mirka Uhlirova

Shaping the Adult Fly: Epithelial Cell Adhesion and Migration under Focus

16h10-16h35: Gabby Krens

The Effect of Tissue Surface Development on Germ Layer Positioning during Gastrulation

17h00-18h00: round table discussion "science in central Europe"