

Biophysical Society 69th Annual Meeting
Physical Cell Biology Subgroup Symposium
Saturday February 15, 2025
Los Angeles, California

Subgroup Chair: Shiladitya Banerjee, Carnegie Mellon University, USA

Program Chair: Jian Liu, Johns Hopkins University, USA

Symposium Time: 8:30 AM-12:30 PM PST

Symposium Room: 502B

Subgroup Business Meeting: 10:50 AM PST

8:30 AM Opening Remarks

8:35 AM Shiladitya Banerjee, Carnegie Mellon University, USA

Shaping Bacterial Growth and Adaptation in Dynamic Environments

9:05 AM Wenting Zhao, Nanyang Technological University, Singapore

Guiding Protein Condensation on Nanoscale Curved Membranes

9:35 AM Simone Reber, Max Planck Institute for Infection Biology, Germany

Cell State-Specific Cytoplasmic Material Properties Control Spindle Architecture and Scaling

10:05 AM Break

10:15 AM Business Meeting

10:25 AM Student/Postdoc Talk: TBA

10:40 AM Student/Postdoc Talk: TBA

10:55 AM Qiong Yang, University of Michigan, Ann Arbor, USA

Synthetic Growth and Patterning: Spatial Coordination and Mechanical Regulation in Biological Oscillators

11:25 AM Sebastian Streichan, University of California, Santa Barbara, USA

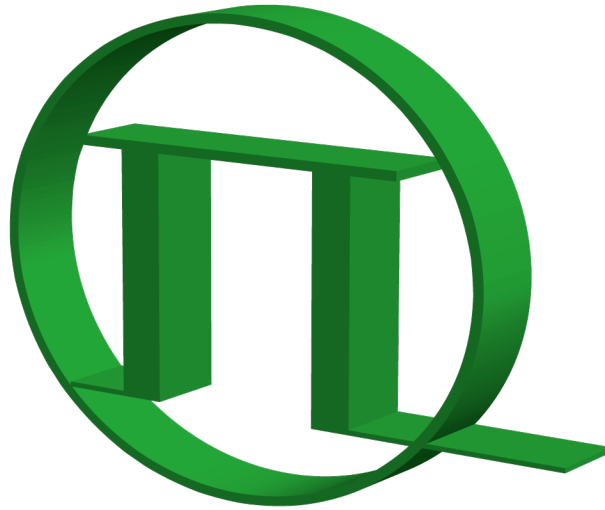
Physics of Living Matter: From Molecule to Embryo

11:55 AM Ulrich Schwarz, University of Heidelberg, Germany

Physical Constraints for Cell Migration: From Crawling to Gliding

12:25 PM Closing Remarks

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