

TAU-Potsdam Online Workshop

November 23-24, 2020

Zoom:

<https://us02web.zoom.us/j/82737650430?pwd=SzNKUHdLM3A3RWxzTWQyRG9aWUtJZz09>

Day I – 23 November

09:00-09:30 (UP) / 10:00-10:30 (TAU)

Svetlana Santer (UP)

"From Molecular Actuation to Nano- and Microscopic Motion"

09:30-10:00 (UP) / 10:30-11:00 (TAU)

Yasmine Meroz (TAU)

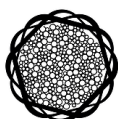
"Physics of Plant Behaviour"

10:00-11:00 (UP) / 11:00-12:00 (TAU)

Pitch talks (3 minutes each)

- ⦿ Ralf Metzler (School of Physics and Astronomy, UP)
- ⦿ Ayala Lampel (School of Molecular Cell Biology and Biotechnology, TAU)
- ⦿ Oded Hod (School of Chemistry, TAU)
- ⦿ Vittoria Sposini (Metzler Group, School of Physics and Astronomy, UP)
- ⦿ Shlomi Reuveni (School of Chemistry, TAU)
- ⦿ Anjali Sharma (Santer Group, School of Physics and Astronomy, UP)
- ⦿ Bat-El Pinchasik (School of Mechanical Engineering, TAU)
- ⦿ Joachim Jelken (Santer Group, School of Physics and Astronomy, UP)
- ⦿ Yair Shokef (School of Mechanical Engineering, TAU)
- ⦿ Lihi Adler-Abramovich (Department of Oral Biology, TAU)
- ⦿ Yael Roichman (School of Chemistry, TAU)
- ⦿ David Sprinzak (Department of Biochemistry and Molecular Biology, TAU)
- ⦿ Amit Sitt (School of Chemistry, TAU)
- ⦿ Yuval Ebenstein (School of Chemistry, TAU)

Organizing committee: Bat-El Pinchasik, Lihi Adler-Abramovich, Ralf Metzler, Yair Shokef, Amit Sitt



The Center for Physics and
Chemistry of Living Systems
Tel Aviv University



Universität Potsdam

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Day II – 24 November

09:00-09:30 (UP) / 10:00-10:30 (TAU)

Carsten Beta (UP)

"How Actin Waves Drive the Division of Motile Cells"

09:30-10:00 (UP) / 10:30-11:00 (TAU)

Raya Sorkin (TAU)

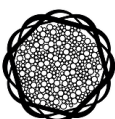
"Membrane Remodeling in Life Processes: Unraveling Membrane Interactions, One Vesicle at a Time"

10:00-11:00 (UP) / 11:00-12:00 (TAU)

Pitch talks (3 minutes each)

- 🕒 Robert Grossmann (Beta Group, School of Physics and Astronomy, UP)
- 🕒 Oleh Omelchenko (Pikovsky Group, School of Physics and Astronomy, UP)
- 🕒 Gili Bisker (Department of Biomedical Engineering, TAU)
- 🕒 Ayelet Lesman (School of Mechanical Engineering, TAU)
- 🕒 Samudrajit Thapa (Metzler Group, School of Physics and Astronomy, UP)
- 🕒 Marek Bekir (Santer Group, School of Physics and Astronomy, UP)
- 🕒 Yoav Lahini (School of Physics and Astronomy, TAU)
- 🕒 Ines Zucker (School of Mechanical Engineering, TAU)
- 🕒 Arkady Pikovsky (School of Physics and Astronomy, UP)
- 🕒 Naomi Oppenheimer (School of Physics and Astronomy, TAU)
- 🕒 David Feldman (Pinchasik Group, School of Mechanical Engineering, TAU)
- 🕒 Noa Lachman (Department of Materials Science and Engineering, TAU)
- 🕒 Roey J. Amir (School of Chemistry, TAU)
- 🕒 Rok Cestnik (School of Physics and Astronomy, UP)
- 🕒 Roy Beck (School of Physics and Astronomy, TAU)

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