

UNIVERSITÄT
BAYREUTH



School of Chemistry
Raymond & Beverly Sackler
Faculty of Exact Sciences
Tel Aviv University

The Bayreuth-Tel Aviv Workshop on Materials

Day 1- Tuesday 12/3/2019

18:00 **Workshop dinner**

Day 2- Wednesday 13/3/2019

8:30-9:00 **Gathering**

9:00-9:05 **Welcome and introduction**

9:05-09:30 Rhett Kempe

Catalysis for a more sustainable chemistry

09:30-9:55 Roman Dobrovetsky

Geometrically constrained phosphonium cations

9:55-10:20 Birgit Weber

*Molecular sensors at the nanoscale - switchable
luminescence and synthesis of nano-composites based
on iron(II) spin crossover*

10:20-10:45 Arkadi Vigalok

*Chemosensory Properties of Conjugated Calixarene
Scaffolds*

10:45-11:10 Andreas Greiner

Functional polymer mesofiber nonwovens

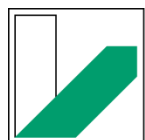
11:10-11:35 Coffee Break

11:35-12:00 Amit Sitt

Polymeric Fibers as Microreactors

12:00-12:25 Jürgen Senker

*Nanoporous Materials for storage, separation and ion
conduction*



12:25-12:50

Gil Markovich

Symmetry breaking in the synthesis of chiral lanthanide phosphate nanocrystals

12:50-14:00

Lunch

14:00-14:25

Amir Goldbourt

Magic angle spinning solid state NMR: an analytical tool to study ordered and disordered materials

14:25-14:50

Anna Schenk

Bio-Inspired Preparation and X-Ray Scattering Analysis of Nanostructured Functional Materials

14:50-15:15

David Andelman

*Block Co-polymers at Surfaces:
Patterns, Templates and Electric Fields*

15:15-15:40

Coffee Break

15:40-16:05

Moshe Kol

Block-stereoblock copolymers of poly(ϵ -caprolactone) and poly(lactic acid)

16:05-16:30

Seema Agarwal

Thermoresponsive polymers

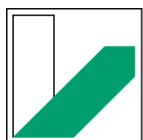
16:30-16:55

Roey J. Amir

The role of molecular precision in designing enzymatically degradable polymeric amphiphiles

19:00

Dinner



Day 3- Thursday 14/3/2019

8:30-9:00	Gathering
9:00-9:25	<u>Stephan Kümmel</u> <i>Transport and fluctuations in complex and active fluids</i>
9:25-9:50	<u>Haim Diamant</u> <i>Hyperuniformity of driven suspensions</i>
9:50-10:15	<u>Josef Breu</u> <i>Nanosheet Packaging</i>
10:15-10:40	<u>Oded Hod</u> <i>Modeling Interlayer Interactions in Layered Materials</i>
10:40-11:05	<u>Matthias Weiss</u> <i>Transport and fluctuations in complex and active fluids</i>
11:05-11:30	Coffe Break
11:30-11:55	<u>Michael Urbakh</u> <i>Electroactive materials</i>
11:55-12:20	<u>Georg Papastavrou</u> <i>Combining Nanofluidics and AFM: New Approaches for Probing and Manipulating on the nm-Scale</i>
12:20-12:45	<u>Yael Roichman</u> <i>An experimental realization of an information machine with tunable temporal correlations</i>
12:45-13:00	Concluding remarks
13:00-14:00	Lunch
15:00-20:00	Jaffa / Tel Aviv Tour and dinner