



The 1st bilateral HUJI-Bayreuth University Workshop on Materials for
Catalysis and Energy

The workshop will take place at the seminar room of the Institute of Chemistry, Los Angeles
building (entrance floor). Edmund Safra Campus Jerusalem

Day 1- Sunday 10/3/2019

10:30-16:00

Sightseeing

18:00

Reception dinner

Day 2- Monday 11/3/2019

8:30-9:00

Gathering

9:00-9:05

Welcome and introduction

9:05-09:35

Shlomo Yitzchaik

Conformationally Adaptive Biosensors

09:35-10:05

Birgit Weber

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

10:05-10:35

Roie Yerushalmi

Functional Nanowires for Device Applications

10:35-11:05

Igor Schapiro

Spectral Tuning Mechanism in a Cyanobacteriochrome Slr1393

11:05-11:35

Andreas Möglich

Engineering of Phytochromes

11:35-12:05

Uri Banin

Colloidal quantum materials as photocatalysts

12:05-12:35

Carlo Unverzagt

*Chemical and enzymatic synthesis of glycoproteins: new tools
in glycobiology*



12:35-13:30

Lunch

13:30-14:00

Mattan Hurevich

The journey from automated synthesis of complex oligosaccharides to unique applications

14:00-14:30

Anna Schenk

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

14:30-15:00

Meital Reches

At the Interface between Organic and Inorganic Matter: Interactions and Design of Simple Functional Coatings

15:00-15:30

Matthias Breuning

The enantioselective total synthesis of bisquinolizidine alkaloids: A modular approach

15:30-15:55

Break

15:55-16:25

Ahmad Massarwa

Desymmetrization of gem-Diborylalkanes

16:25-16:55

Andreas Greiner

Functional polymer mesofiber assemblies

16:55-17:25

Shlomo Magdassi

Materials for 2D, 3D, 4D printing

19:00

Dinner



Day 3 - Tuesday 12/3/19

8:30-9:00

Gathering

9:00-9:30

Seema Agarwal

Thermoresponsive polymer

9:30-10:00

Roy Shenhar

*Quasi-Two-Dimensional Assembly of Bottlebrush Block
Copolymers with Nanoparticles in Ultrathin Films*

10:00-10:30

Josef Breu

Nanosheet Packaging

10:30-11:00

Ori Gidron

A Twisted Tale: Helically-Locked Tethered Acenes

11:00-11:30

Jürgen Senker

*Nanoporous Materials for storage, separation and ion
conduction*

11:30-12:00

Lioz Etgar

*Two Dimensional organic-inorganic perovskite from
nanostructures to solar cells*

12:00-12:30

Georg Papastavrou

*More than scratching on the surface - Probing and
manipulating soft matter by AFMs*

12:30-13:00

Rhett Kempe

Catalysis for a more sustainable chemistry

13:00-13:30

Dmitri Gelman

Secondary interactions in the transition metal catalysis

13:30-13:35

Concluding remarks

13:35-14:15

Lunch

14:15

Departure to Tel Aviv