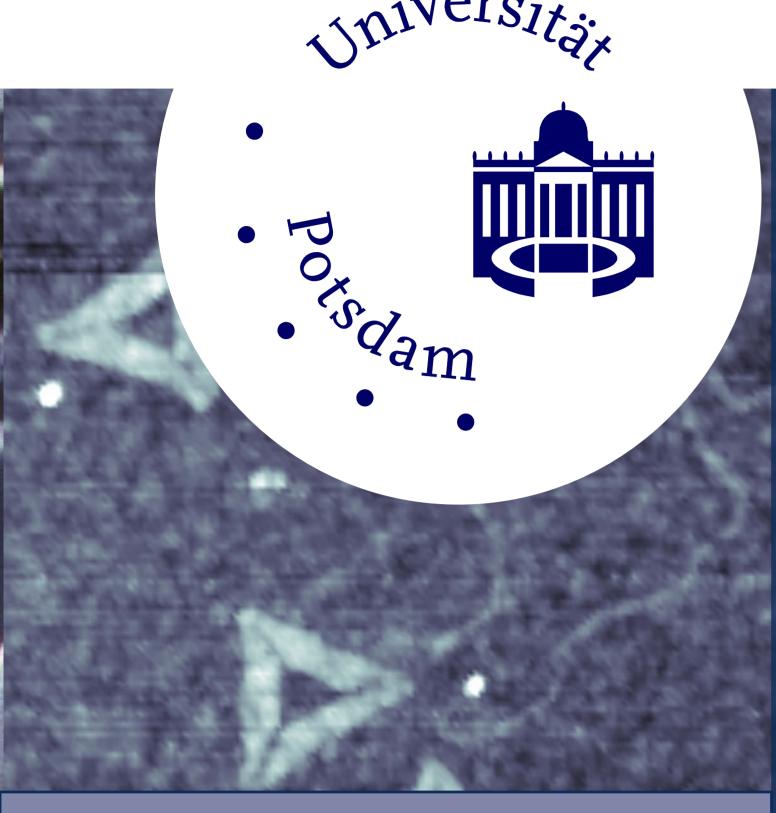


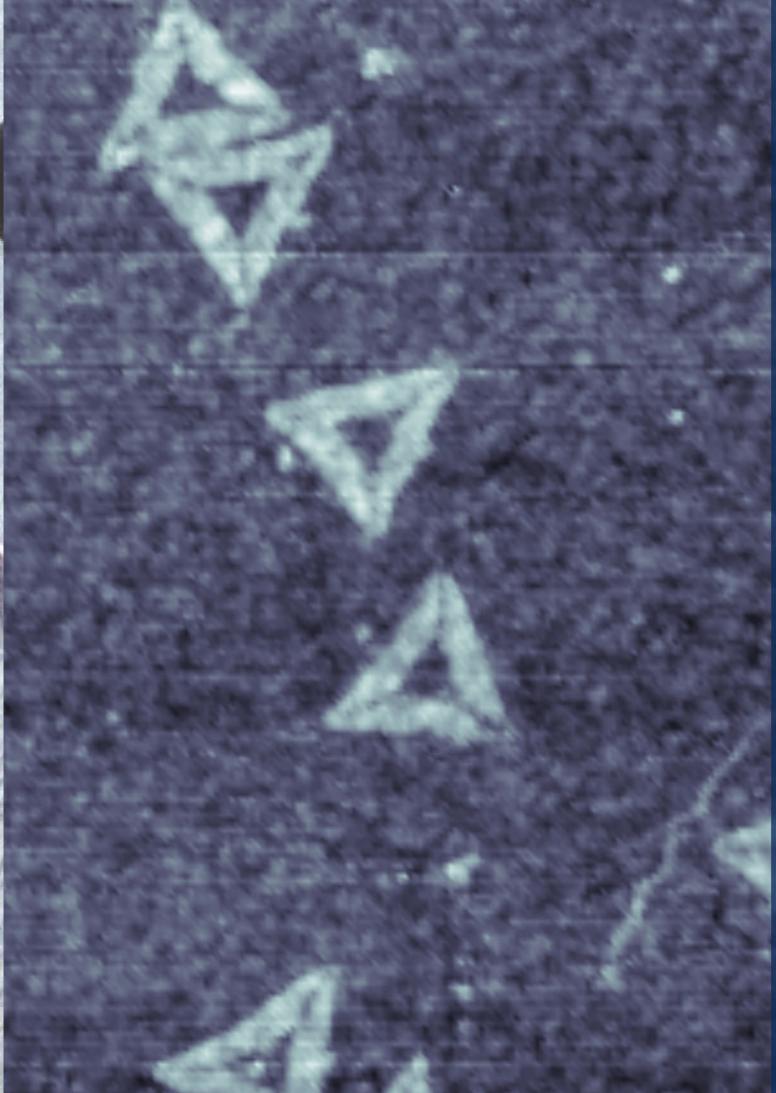
TAU – UP Workshop on Nano-Bio-Physics

17. Nov. 2017



University of Potsdam
Institute of Chemistry –
Physical Chemistry /
Analytical Chemistry

Campus Golm Building 29, Room 0.25



08:45 Welcome & Opening Remarks

Structural Biology and Biophysics

09:00 Petra Wendler, UP, Biochemistry

09:30 Amir Goldbourt, TAU

10:00 Marcus Michaelis, UP, Analytical Chemistry

10:30 Micha Fridman, TAU

11:00 Coffee Break

Fluorescence and Super-resolution Microscopy

11:30 Carsten Hille, UP, Physical Chemistry

12:00 Yuval Ebenstein, TAU

12:30 Yael Roichman, TAU

13:00 *Lunch*

Polymers and Materials

14:30 Ilko Bald, UP, Physical Chemistry

15:00 Claudia Pacholski, UP, Physical Chemistry

15:30 Gil Markovich, TAU

16:00 Roland Hass, UP, Phys.Chem. / innoFSPEC

16:30 Coffee Break

17:00 Roey Amir, TAU

17:30 Helmut Schlaad, UP, Polymer Chemistry

18:00 Andreas Taubert, UP, Inorganic Chemistry

19:00 Dinner and Social Evening at "Mövenpick"



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17. Nov. 2017

University of Potsdam, Institute of Chemistry

Novem	iber 17,	, 201/	

08:45 Welcome & Opening Remarks

Structural Biology and Biophysics

09:00	Petra Wendler, "Single pa	rticle cryo EM of dynamic mad	cromolecular machines"
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09:30 Amir Goldbourt, "Dynamics and structure of biomolecular complexes studied

by Magic- angle spinning NMR"

10:00 Marcus Michaelis, "Recognition of cello-oligomers by carbohydrate binding

modules in solution"

10:30 Micha Fridman, "Small-Molecule Mediated Inhibition of Microbial Cellular

Processes"

11.00 Coffee Break

Fluorescence and Super-resolution Microscopy

11:30	Carsten Hille.	"Advanced fluoresc	ence microscopy	v for studving	g cell physiology"
11.50	Carstell Hille,	Advanced induicae	CHEC HIIGHOSCOP	y ioi stadyiiis	g cell prigatology

12:00 Yuval Ebenstein, "Single molecule detection of epigenetic marks and DNA

damages"

12:30 Yael Roichman, "Imaging and single particle tracking to study biological and soft

materials"

13:00 *Lunch*

Polymers and Materials

14:30	llko Bald, "DNA nanostructures as platforms for optical spectroscopy"
15:00	Claudia Pacholski, "Bottom-up strategies for fabricating optical sensors"
15:30	Gil Markovich, "Amplification of chirality in the enantioselective synthesis of
	intrinsically chiral terbium phosphate nanocrystals"

Roland Hass, "Applied Photon Density Wave spectroscopy"

16:30 Coffee Break

16:00

17:00 Roey Amir, "The power of molecular precision in studying enzymatic disassembly

of polymeric micelles"

17:30 Helmut Schlaad, "Smart polymers from amino acids and sugars"

18:00 Andreas Taubert, "Tetrahalidometallate Ionic Liquid Precursors for Inorganic

Nanomaterials Synthesis"

19:00 Dinner and Social Evening at "Mövenpick"