Zurich Instruments Users Meeting

Mainz - June 21-22nd, 2017

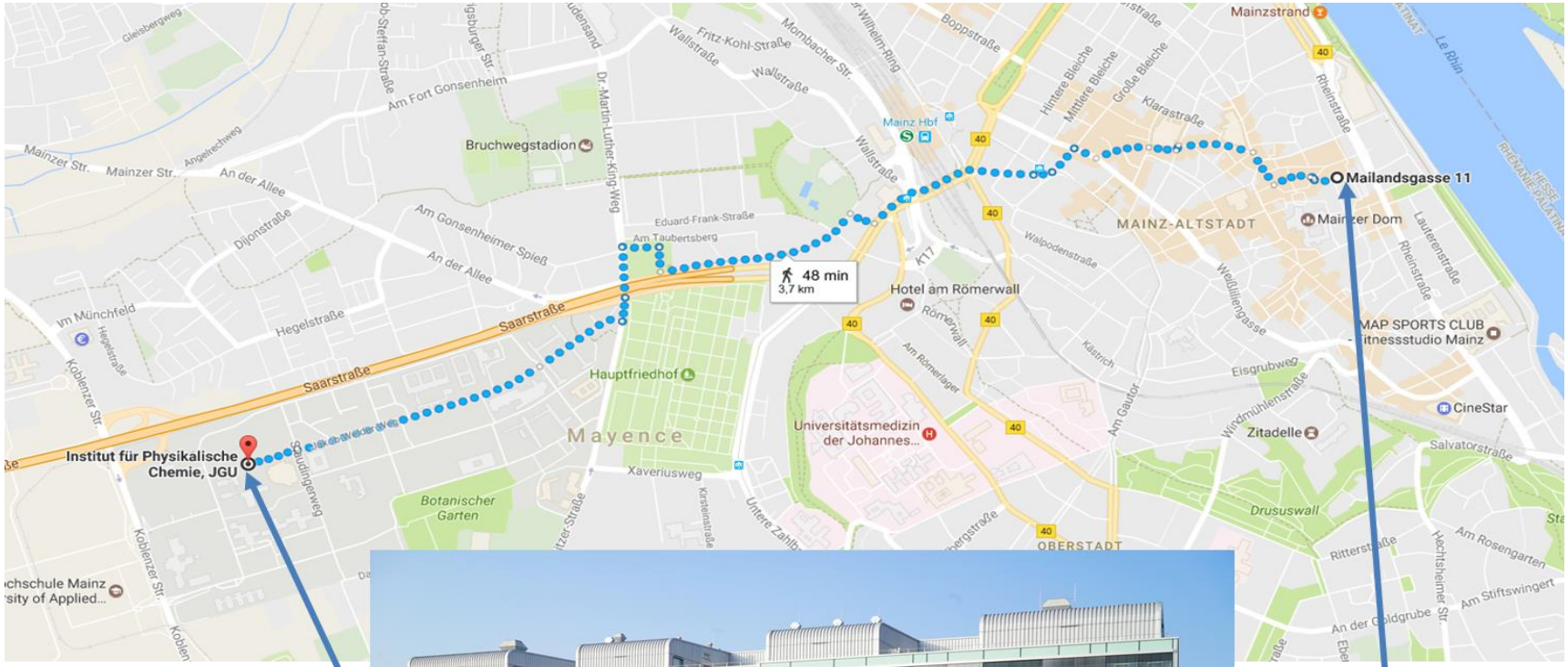
	Wednesday 21st	
Time	**Speaker**	**Topic**
9h00-10h30	Greetings & registration (coffee provided) - Welcome introduction	
10h30-11h00	**Romain Stomp - Zurich Instruments**	*Beyond conventional scanning probe microscopy: the power of multifrequency AFM*
11h00-11h30	**Martin Rohmer - Scienta Omicron**	*SPM controller MATRIX4 with AFM PLL powered by Zurich Instruments*
11h30-12h00	**Stefan Weber - Max Planck Institute for Polymer Research**	*Fast KPFM mapping on perovskite solar cell cross secitons*
12h00-13h30	Lunch break: cafeteria	
13h30-14h30	**Hagen Söngen - Johannes Gutenberg University of Mainz**	Lab Tour Kühnle's group
14h30-15h00	**Hagen Söngen - Johannes Gutenberg University of Mainz**	*Quantitative 3D-AFM mapping at the solid-liquid interface with fast and flexible data acquisition*
15h00-15h30	Coffee break	
15h30-17h00	**Tutorials**	**parallel sessions - part 1**
17h00-18h00	Poster session	Including beer tasting
18h00-19h00	Free time	
19h00-	Dinner	Restaurant Heiliggeist - downtown

	Thursday 22nd	
9h00-9h30	**Thilo Glatzel - University of Basel**	*Advanced Kelvin probe force microscopy*
9h30-10h00	**Daniel Ebeling - Justus-Liebig-University of Giessen**	*Chemical Bond Imaging by AFM: Following On-Surface Reactions and Utilization of Higher Eigenmodes*
10h00-10h30	Coffee break	
10h30-12h00	**Tutorials**	**parallel sessions - part 2**
12h00-13h30	Lunch break: restaurant	
13h30-14h15	**Lukas Eng - Dresden**	*Time-resolved scanning probe techniques – Probing the Dynamical Properties of Nanoscale Solid-State Systems*
14h15-14h30	Short break	
14h30-16h00	**Tutorials**	**parallel sessions - part 3**
16h00-16h15	Closing remarks - end of Users Meeting	

Conference Venue: Institut für Physikalische Chemie, Duesbergweg 10-14, 55128 Mainz

Dinner Venue: Restaurant Heiliggeist, Mailandsgasse 11, 55116 Mainz

(car pooling will be organized to go to dinner restaurant)



Meeting's venue at University campus

Meeting's dinner, downtown Mainz

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List of confirmed participants & poster presentations

Name	Affiliation	Poster
Gino Günzburger	EMPA	
Hagen Söngen	Johannes Gutenberg-Universität Mainz	
Ralf Bechstein	Johannes Gutenberg-Universität Mainz	
Dirk Lautner	Johannes Gutenberg-Universität Mainz	
Simon Aeschlimann	Johannes Gutenberg-Universität Mainz	Structure formation of 2,5 dihydroxybenzoic acid on calcite
Sebastian Seibert	Johannes Gutenberg-Universität Mainz	3D AFM at the graphite-water interface
Md Taibur Raman	Johannes Gutenberg-Universität Mainz	Diacetylene polymerization on a bulk insulator surface
Holger Adam	Johannes Gutenberg-Universität Mainz	
Maximilian Vogtland	Johannes Gutenberg-Universität Mainz	
Lukas Eng	Technische Universität Dresden	
Stefan Weber	MPI - Max-Planck-Institut für Polymerforschung, Mainz	
Amelie Axt	MPI - Max-Planck-Institut für Polymerforschung, Mainz	
Christopher Gort	MPI - Max-Planck-Institut für Polymerforschung, Mainz	
Ilka Hermes	MPI - Max-Planck-Institut für Polymerforschung, Mainz	Electrical scanning probe microscopy methods on perovskite solar cells
Eduard Unger	MPI - Max-Planck-Institut für Polymerforschung, Mainz	Role of Defects in graphene
Thilo Glatzel	Universität Basel	
Daniel Ebeling	Justus-Liebig-Universität Gießen	
Qigang Zhong	Justus-Liebig-Universität Gießen	Tip-induced vs. thermal dehalogenation of 4-bromo-3''-iodo-p-terphenyl on Cu(111)
Jalmar Tschakert	Justus-Liebig-Universität Gießen	Structural analysis of [121]-tetramantane adsorbed on noble-metal surfaces with LT-AFM
Martin Rohmer	Scienta Omicron	
Günther Krämer	Saarland University	Dynamic shear properties of confined liquids under potential control