

# Program

**Sunday, February 25, 2018**

17:00 – 21:00 Registration

18:00 *DINNER*

**Monday, February 26, 2018**

08:00 *BREAKFAST*

08:45 – 09:00 Angelika Kühnle **Welcome and introduction**

*Session I: Adsorption, diffusion and binding on dielectric surfaces*

09:00 – 09:45 Michael Ramsey **Dielectric interlayers: Promoters of charge transfer or inert decoupling layers or both?**

09:45 – 10:30 Grazyna Antczak **Surface diffusion of phthalocyanines on Ag(100)**

10:30 – 11:00 *COFFEE BREAK*

11:00 – 11:45 Hiroshi Onishi **Molecule adsorption on oxide surfaces**

11:45 – 12:30 Peter Zeppenfeld **Adsorption, condensation and desorption of atoms and molecules on surfaces**

12:30 – 12:40 **Conference Photo** (in the front of the lecture hall)

12:40 *LUNCH*

# Program

**Monday, February 26, 2018**

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|---------------|---|---|
| 14:00 – 14:45 | Wolf-Gero Schmidt   | <b>Understanding adsorbate structure formation and on-surface reactions from theoretical spectroscopy</b>   |
| 14:45 – 15:30 | Oliver Hofmann  | <b>Hybrid bands and localized orbitals: The role of hybridization for charge localization at interfaces</b> |
| 15:30 – 16:00 | <i>COFFEE BREAK</i>   |   |
| 16:00 – 17:30 | <b>Poster flash presentation and poster session</b>   |   |
| 17:30 – 17:45 | Stefan Jorda  | <b>About the Wilhelm and Else Heraeus Foundation</b>  |
| 18:30         | <i>WE-HERAEUS DINNER<br/>(social event with cold &amp; warm buffet with complimentary drinks)</i> |   |
| 20:30         | <b>Poster Award</b>   |   |

# Program

**Tuesday, February 27, 2018**

08:00            *BREAKFAST*

09:00 – 09:45    Andrea Floris            **Reactions mechanisms and molecular diffusion on insulating surfaces**

09:45 – 10:30    Michael Rohlfing            **Structure and spectra of organic molecules on chemically inert surfaces from first principles**

10:30 – 11:00    *COFFEE BREAK*

*Session II: Aggregation and structure formation*

11:00 – 11:45    Sabine Maier            **Structure formation in molecular self-assemblies on a bulk insulator**

11:45 – 12:30    Francesca Moresco            **Dynamics and manipulation of supramolecular assemblies**

12:30            *LUNCH*

# Program

**Tuesday, February 27, 2018**

14:00 – 14:45	Leonhard Grill	<b>On-surface synthesis of molecular nanostructures and their decoupling from a metallic surface</b>
14:45 – 15:30	Maïke Stöhr	<b>Surface-supported molecular nanostructures: from supramolecular assemblies to on-surface reactions</b>
15:30 – 16:00	<i>COFFEE BREAK</i>	
16:00 – 16:45	Philipp Maaß	<b>Multicomponent cluster growth and second-layer induced island shaping</b>
16:45 – 17:30	Adam Foster	<b>Computational approaches to study molecular structure on insulating surfaces</b>
18:30	<i>DINNER</i>	
 <u><i>Session III: Surface science and society</i></u>		
20:15	Philip Moriarty	<b>Scratching the surface: Communicating science in a post-truth age</b>

# Program

**Wednesday, February 28, 2018**

08:00            *BREAKFAST*

*Session IV: Advanced experimental techniques*

09:00 – 09:45    Christian Loppacher      **Controlling the growth and morphology of self-assembled films and polymers on ionic substrates**

09:45 – 10:30    Philipp Rahe                      **Kelvin probe force microscopy on insulator surfaces**

10:30 – 11:00    *COFFEE BREAK*

11:00 – 11:45    Alexander Gerlach                **Organic molecules adsorbed on ZnO studied with the X-ray standing wave technique**

11:45 – 12:30    Torsten Fritz                        **Optical *in situ* spectroscopy of molecular films**

12:30 – 13:00    Moritz Sokolowski                **Closing remarks**

13:00            *LUNCH*

**End of the seminar and departure**

*NO DINNER for participants leaving on Thursday morning*