

# Program

## Sunday, 27 September 2020

17:00 – 20:00 Registration

19:00 *BUFFET SUPPER and get-together*

20:30 – 20:40 Karina Morgenstern **Opening remarks**

### **Opening lecture**

20:40 – 21:40 John Polanyi **Chemistry in one-dimension**

## Monday, 28 September 2020

08:00 *BREAKFAST*

09:00 – 09:45 Makoto Fujita **Self-assembly of Archimedean/non-Archimedean solids under mathematical restriction**

09:45 – 10:30 Anna McConnell **The structural characterisation of paramagnetic metal-organic cages and their host-guest complexes**

10:30 – 11:00 *COFFEE BREAK*

11:00 – 11:20 Sergi Ruiz-Barragan **THz spectra of confined water**

11:20 – 11:40 David Van Craen **Hierarchical helicates as solvent dependent reaction platform**

11:45 – 12:30 Xavi Ribas **Supramolecular fullerene sponges as masks for regioselective functionalization of C60**

12:30 – 12:40 **Conference Photo** (in the front of the main building)

12:40 *LUNCH*

# Program

**Monday, 28 September 2020**

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|---------------|--|--|
| 14:00 – 14:15 | Stefan Jorda   | <b>About the WE-Heraeus-Foundation</b>   |
| 14:15 – 15:15 | <b>Flash talks 1</b>   |  |
| 15:15 – 16:00 | Vaidhyanathan Ramamurthy   | <b>Medium matters: Dynamics of molecules in a confined space</b>                           |
| 16:00 – 16:30 | <i>COFFEE BREAK</i>  |  |
| 16:30 – 18:30 | <b>Poster session 1</b>  |  |
| 18:30         | <i>HERAEUS DINNER</i><br><i>(social event with cold &amp; warm buffet with complimentary drinks)</i> |  |
| 20:30 – 21:15 | Teresa Head-Gordon   | <b>The role of interfaces for chemical transformations and transport under confinement</b> |
| 21:15         | <b>Discussions</b>   |  |

# Program

**Tuesday, 29 September 2020**

08:00            *BREAKFAST*

09:00 – 09:45    Lydéric Bocquet            **Water flows at ultimate scales and exotic ionic transport (towards an artificial ionic machinery)**

09:45 – 10:30    Friedrich Kremer            **Molecular dynamics in nanometric confinement as studied by Broadband Dielectric Spectroscopy**

10:30 – 11:00    *COFFEE BREAK*

11:00 – 11:45    Ulrich Höfer                **Time-resolved spectroscopy of electron transfer processes at metal/organic interfaces**

11:45 – 12:30    Angelos Michaelides        **Interfacial water: from atmospheric ice nucleation to nano-confinement**

12:30            *LUNCH*

# Program

**Tuesday, 29 September 2020**

14:00 – 14:45	Dominik Marx	<b>Prebiotic chemistry in nanometric confinement</b>
14:45 – 15:45	<b>Flash talks 2</b>	
15:45 – 16:30	<i>COFFEE BREAK</i>	
16:30 – 18:30	<b>Poster session 2</b>	
19:00	<i>DINNER</i>	
20:30 – 21:15	Iryna Zenyuk	<b>Confinement effects for nano-electrocatalysts for Oxygen reduction reaction</b>
21:15	<b>Discussion</b>	

# Program

**Wednesday, 30 September 2020**

08:00            *BREAKFAST*

09:00 - 09:45    Mauricio Prieto            **Studying the effects of confinement in real time: water formation under ultra-thin silica films**

09:45 – 10:15    *COFFEE BREAK*

10:15 – 11:00    Marialore Sulpizi            **Role of image charges on ionic liquids confined between metallic interfaces**

11:00 – 11:45    Antigoni Alexandrou            **Receptor confinement in membrane nanodomains: its role in signaling and disease**

11:45 – 12:00    Karina Morgenstern            **Closing remarks**

12:00            *LUNCH*

**End of the seminar and departure**