



# Fully RESOLVed?

One **DECADE** is not Enough!

**THURSDAY, November 3rd, 2022**

- 09:00 - 09:15** **Martina Havenith**  
**Ruhr-Universität Bochum**  
Opening & Welcome
- 09:15 - 10:05** **Huib Bakker**  
**AMOLF, Amsterdam**  
Water structuring and emergence of electric fields at water-surfactant interfaces
- 10:05 - 10:55** **Tanja Čuk**  
**University of Colorado at Boulder**  
Resolving a catalytic mechanism on an electrode surface: Using time resolution to identify theoretical descriptors
- 10:55 - 11:30** **Coffee Break**
- 11:30 - 12:30** **Benjamin List**  
**Max-Planck-Institut für Kohlenforschung**  
Strong and confined acids: Universal catalysts for selective synthesis?
- 12:30 - 13:30** **Lunch Break with Champagne Reception**
- 13:30 - 14:20** **Sharon Hammes-Schiffer**  
**Yale University**  
Proton-coupled electron transfer in catalysis and energy conversion
- 14:20 - 15:10** **Martin Head-Gordon**  
**University of California, Berkeley**  
Understanding charge transfer between molecules in complexes and in solvation: Theory and model applications
- 15:10 - 15:45** **Coffee Break**
- 15:45 - 16:45** **Struktur(en)wandel durch exzellente Wissenschaft**  
Politik und Hochschulleitung im Dialog
- 16:45 - 17:35** **Mark Johnson**  
**Yale University**  
Temperature controlled kinetics in finite cluster systems: Proton migration and spectral dynamics in water
- 17:35 - 18:25** **Leticia González**  
**Universität Wien**  
Resolving excited state dynamics in solution
- 18:25 - 18:55** **Martina Havenith**  
**Ruhr-Universität Bochum**  
Solvation Science - The Final Frontier
- 19:30 - 22:30** **CONFERENCE DINNER** at **Casino Zollverein**

**FRIDAY, November 4th, 2022**

- 09:00 - 09:50** **Angelos Michaelides**  
**University of Cambridge**  
Interfacial and nano-confined water
- 09:50 - 10:40** **Teresa Head-Gordon**  
**University of California, Berkeley**  
Role of interfaces and electrostatics for chemical transformations
- 10:40 - 11:25** **Coffee Break**
- 11:25 - 12:15** **Eva Hevia**  
**Universität Bern**  
Exploiting cooperative effects in polar organometallics for arene functionalisation
- 12:15 - 14:00** **Lunch Break**
- 14:00 - 14:50** **Chris Hunter**  
**University of Cambridge**  
Surface site interaction point descriptions of solvation
- 14:50 - 15:40** **Dean Toste**  
**University of California, Berkeley**  
How important is it to be flexible in catalysis?
- 15:40 - 16:30** **Coffee Break**
- 16:30 - 17:20** **Damien Laage**  
**Ecole normale supérieure de Paris**  
Solvation and chemical reactivity at aqueous interfaces
- 17:20 - 18:10** **Songi Han**  
**University of California, Santa Barbara**  
The shape and role of water on biomolecular surfaces and interfaces
- 18:10 - 18:15** **Martina Havenith**  
**Ruhr-Universität Bochum**  
Closing remarks

