

## Day 1: Wednesday, May 19th

	Programm Point	Presenter
09:00	<b>Opening Remarks</b>	<b>David Kuß</b>
09:30	<b>Invited Talk:</b> Shining light on catalysts at work: A combined operando and DFT approach	<b>Christian Hess</b>
10:00	<b>Research Talk:</b> On using DLPNO-CCSD(T) to calculate spectroscopic properties for azurin	<b>Christine Schulz</b>
10:30	<b>Break</b>	
11:00	<b>Research Talk:</b> Using in operadopulse EPR to investigate metallic lithium anodes in rechargeable batteries	<b>Conrad Szczuka</b>
11:30	<b>Virtual Lab Tour: EPR</b>	<b>Alexander Schnegg</b>
12:00	<b>Exploring gather</b>	
12:30	<b>Break</b>	
13:00	<b>Break</b>	
13:30	<b>Keynote Talk:</b> Developing and applying new tools to understand how materials for Li and “beyond-Li” battery technologies function	<b>Clare Grey</b>
14:00	<b>Break</b>	
14:30	<b>Break</b>	
15:00	<b>Research Talk:</b> High Spatial Resolution Mapping of Reactivity and Selectivity Variations on Single Catalytic Nanoparticles	<b>Shahar Dery</b>
15:30	<b>Poster session I</b>	
16:00		

## Day 2: Thursday, May 20th

	Programm Point	Presenter
09:00	<b>Invited Talk:</b> Photocatalytic proton reduction with base metals: Prototype problems for X-ray emission and absorption	<b>Matthias Bauer</b>
09:30		
10:00	<b>Virtual Lab Tour: Mößbauer</b>	<b>Eckhard Bill</b>
10:30	<b>Break</b>	
11:00	<b>Keynote Talk:</b> Active Species and Mechanistic Pathways in Catalytic Reactions with 3d Transition Metal Pincer Complexes	<b>Lutz Gade</b>
11:30		
12:00	<b>Research Talk:</b> The Guerbet Reaction Network – a Ball-in-a-Maze-Game	<b>Andreas Ohligschläger</b>
12:30		
13:00	<b>Break</b>	
13:30	<b>Research Talk:</b> In situ X-ray absorption spectroscopy on manganese oxides catalyzing oxygen evolution and reduction	<b>Marcel Risch</b>
14:00	<b>Research Talk:</b> Soft X-ray Spectroscopy Applied in Electrocatalysis: From ex situto operando	<b>Marc F. Tesch</b>
14:30		
15:00	<b>Research Talk:</b> Quantum chemical insights into nitrogen photoactivation	<b>Severine Rupp</b>
15:30	<b>Poster session II</b>	
16:00		

## Day 3: Friday, May 21st

	Programm Point	Presenter
09:00 09:30	<b>Keynote Talk:</b> Operando methodologies to understand catalytic activity on reactor scale	<b>Atsushi Urakawa</b>
10:00 10:30	<b>Research Talk:</b> Elucidating active species over Au/CeO <sub>2</sub> catalysts during CO oxidation with modulation excitation IR spectroscopy	<b>Jakob Weyel</b>
	<b>Break</b>	
11:00 11:30	<b>Industry Talk:</b> On Digital Feedback Loops: How High Throughput Approaches Enhance Experimentation	<b>Stephan Schunk</b>
12:00 12:30	<b>Virtual Lab Tour: X-Ray</b>	<b>George E. Cutsail</b>
	<b>Break</b>	
13:00 13:30	<b>Invited Talk:</b> Supramolecular Nano-Cages for Selective Recognition and Chemical Reactions	<b>Guido Clever</b>
14:00 14:30	<b>Voting for poster and research talk prices</b>	
	<b>Break</b>	
15:00 15:30	<b>Keynote Talk:</b> Combined spectroscopic and computational studies of biological methane oxidation	<b>Serena DeBeer</b>
16:00	<b>Closing Remarks &amp; Poster price</b>	<b>Jil-Lorean Gieser</b>