

**Conference Schedule (status: Sept. 23, 2024 - subject to change)**

<b>Wednesday, Sept. 25, 2024</b>		
<b>12:00-13:00</b>	<b>Registration &amp; Snacks</b>	
<b>Session 1 / Chair: D. Guldi</b>		
13:00	D. Guldi	Opening
13:15	G. Scholes (Princeton)	Coherence phenomena and quantum-like states
14:00	L. Kroh (BT)	Spectral Signatures and Kinetics of Y6 Aggregates and Disordered Phase via Absorption Spectroscopy
14:20	S. Krishna (FAU)	Pushing the limits towards long-lived charge-separation in Ru(II)phthalocyanine subporphyrzine conjugates
14:40	W. Tian (LMU)	Microplastic degradation and carbon engineering from biomass
<b>15:00 - 15:30</b>	<b>Coffee Break</b>	
<b>Session 2 / Chair: T. Clark</b>		
15:30	S. Santra (TUM)	Bismuth Single Atom-Based Model Catalysts - A Strategic Intervention to Control CO <sub>2</sub> RR Selectivity
15:50	A.Halkic/M. Weber (WÜ)	From N <sub>2</sub> activation to nitrogen containing compounds: the role of borylenes
16:10	L. Kumar (BT)	Solution Processed Cu <sub>2</sub> ZnSnS <sub>4</sub> (CZTS) for Photocatalytic Hydrogen Evolution in Visible Range
16:30	O. Ferreira (Uberlandia/LMU)	Development of Electrocatalysts for Conversion of CO <sub>2</sub> into Fuels at Industrially Relevant Conditions
16:50	M. Kestler (LMU)	Carrier lattice interactions in photocatalytic bismuth oxyiodide
17:10	F. Negri (Bologna)	Decoding the optoelectronic properties of conjugated diradicals: insights from quantum-chemical modeling
<b>18:00</b>	<b>Session End</b>	

Thursday, Sept. 26, 2024

**Session 3 / Chair: NN**

08:30	K. Moth-Poulsen (PUC)	Solar energy conversion and energy storage materials
09:15	W. Kaiser (TUM)	Machine Learning the Dynamics of Energy Materials
09:35	C. Brabec (FAU)	Discovering Optimized Materials and Processes for Perovskite PV Technologies
09:55	K. Sailer (StMWK)	TBC
<b>10:05-10:35</b>	<b>Coffee Break</b>	

**Session 4 / Chair: NN**

10:35	Y. Yao (BT)	Adapting Explainable Machine Learning to Study Mechanical Properties of Two-Dimensional Hybrid Halide Perovskites
10:55	J.L. Greenfield (WÜ)	Switching It Up: Enhancing the Photochromic Behavior of Imines
11:15	Le Du (TUM)	Pt-CN loaded hydrogel films for H <sub>2</sub> evolution system
11:35	B. Esser (Ulm)	Organic Electrode materials for next-generation batteries
<b>12:20-13:30</b>	<b>Lunch Break</b>	

**Session 5 / Chair: NN**

13:30	Student Highlights	F. Gröbmeyer (LMU), Y. Bo (FAU), D. Dankert (TUM), H. Hoh (JMU), C. Greve (BT) - 6 min. each
14:00	L. Elbaz (Bar-Ilan)	Development of high surface area metal oxide aerogels for OER
14:45	M. Kuhn (BT)	Tuning methylammonium lead iodide crystallization with additives: a combined approach of microscopy, spectroscopy and machine learning
15:10	L. Kreimendahl (WÜ)	Diffusion Generative Models for Designing Efficient Singlet Fission Dimers
<b>15:30 - 16:00</b>	<b>Coffee Break</b>	

<b>Session 6 / Chair: NN</b>		
16:00	N. Jux (FAU)	Fusing porphyrins to polycyclic aromatic hydrocarbons
16:20	S. Garain (WÜ)	The Delayed Box: Biphenyl-bisimide Cyclophane, a Supramolecular Nano-environment for Efficient Generation of Delayed Fluorescence
16:40	F. Zysman-Colman (St. Andrews)	New frontiers in photocatalyst design and photocatalysis
<b>Postersession 1 / Hall Ground floor</b>		
17:30 - 20:00	Poster Session and Get Together	

<b>Friday, Sept. 27, 2024</b>		
<b>Session 7 / Chair: NN</b>		
08:30	F. Toma (Hereon, Teltow)	Closing the carbon cycle: how to make sustainable fuels and products
09:15	K. Gubanov (FAU)	The role of molecular di-oxygen in phenazine-TCNQ charge transfer complexes: regeneration and hydrogen evolution
09:35	H. Übele (TUM)	Potential Pulsed CO <sub>2</sub> Reduction Reaction on Polycrystalline Copper Electrodes Studied with Operando Plasmonic Interface Analysis
09:55	I. Ivanovic (LMU)	High-pressure methodology for clarifying the PCET mechanisms in ground and excited states
<b>Postersession 2 / Hall Ground floor</b>		
10:15 - 11:45	Posters , Coffee & Pastry	
<b>Session 8 / Chair: F. Würthner</b>		
11:45	G. Thomas (IISER, India)	Exciton and biexciton dynamics in semiconductor nanocrystals
12:30	R. Tykwinski (Univ. Alberta)	Acenes for Up- and Down-conversion
13:15	N.N.	Poster Awards, Closing Remarks
13:30 -14:30	Snacks & Goodbye	