

Program of LIT 2023



04.10. – 06.10.2023
Venue: Vielberth - Building
University of Regensburg
Universitätsstraße 31
93053 Regensburg

Wednesday, 04.10.23

time	topic	speaker
	<i>Arrival</i>	
7:30	<i>Opening of the Front Desk</i>	
8:45	<i>Official Opening and Welcome</i>	
Session I		<i>Chair: Niklas Pflaum</i>
09:00 – 10:00	Exploiting Zwitterions for Catalyst and Reaction Development	Takashi Ooi
10:00 – 10:30	Making Chromium(0) Complexes Shine – and their use in photocatalysis	Christina Wegeberg
10:30 – 11:00	<i>Break</i>	
Session II		<i>Chair: Alejandro Heredero Sánchez</i>
11:00 – 11:30	Photocatalytic Functionalization of Double Bonds: from Racemic to Enantioselective Transformations	Leyre Marzo
11:30 – 11:50	Beyond the first coordination sphere – manipulating excited states in heteroleptic iron(II) chromophores with protons	Dieter Sorsche
11:50 – 12:10	Becap: Introducing an efficient Phosphonylation Reagent for C(sp ³)-P bond Forming Reactions	Santosh Pagire
12:10 – 14:30	<i>Vernissage Drinks & Nibbles</i>	
Session III		<i>Chair: Prithwa Das</i>
14:30 – 15:30	Disentangling deactivation pathways in photosensitizers and related transition metal complexes	Leticia González
15:30 – 16:00	Key Steps in One- and Two-Photon Mechanisms for Light-Inducted Transformations	Christoph Kerzig
16:00 – 16:20	<i>Break</i>	
16:20 – 16:40	Chromophore Activation by Lewis Acid Coordination - Influencing the Photoreactivity of Aromatic Aldehydes	Simone Stegbauer
16:40 – 17:00	Photochemical Nitration: From Reagent Design to Late-Stage Functionalization	Dmitry Katayev
17:00 – 19:00	<i>Poster Session (Part A – Odd Numbers)</i>	



Thursday, 05.10.23

time	topic	speaker
Session IV		<i>Chair: Simone Stegbauer</i>
09:00 – 10:00	Photocatalysis from a mechanistic and physical - inorganic perspective	Oliver Wenger
10:00 – 10:30	Photo- and organocatalysis to access polycyclic heterocycles and alkaloid frameworks	Malte Brasholz
10:30 – 11:00	<i>Break</i>	
Session V		<i>Chair: Nicolas Müller</i>
11:00 – 11:30	Deciphering structure, dynamics, and chirality of complex molecules	Melanie Schnell
11:30 – 11:50	Photoreduction by novel deazaalloxazines catalysts	Ivana Weisheitelová
11:50 – 12:10	A Combined Experimental – Theoretical Study on Hydroxypyrene Photoacids in Acetone–Water Mixtures	Niklas Sülzner
12:10 – 12:30	Influence of cage escape on photoredox reaction rates	Cui Wang
12:30 – 14:30	<i>Lunch / Power Hour</i>	
Session VI		<i>Chair: Maximilian Iglhaut</i>
14:30 – 15:30	Photocatalytic Strategies for strong bond activation	Abigail Doyle
15:30 – 16:00	Simulation of nonlinear spectroscopies from first principles	Artur Nenov
16:00 – 16:20	<i>Break</i>	
16:20 – 16:40	Photocatalytic Enzymes by Design and Evolution	Adrian Bunzel
16:40 – 17:00	Photoinduced Oxidative Ring-Opening of Bicyclo[1.1.0]butanes	María Jesús Cabrera Afonso
17:00 – 19:00	<i>Poster Session (Part B – Even Numbers)</i>	
19:30	Conference Dinner	



Friday, 06.10.23

time	topic	speaker
Session VII		<i>Chair: Daniel Grenda</i>
09:00 – 10:00	Probing Energy and Charge Transfer in Photosystem I and Model Systems with Ultrafast Spectroscopy	Jessica Anna
10:00 – 10:30	The Wavelength Matters - Controlling the selectivity of photocatalytic reactions using different colors of light	Bartholomäus Pieber
10:30 – 11:00	<i>Break</i>	
Session VIII		<i>Chair: Martin Peschel</i>
11:00 – 11:30	Tuning Excited-State Electron Transfer Channels in Molecular Dyads and Preassembled Photocatalysts	Stephan Kupfer
11:30 – 11:50	General cross-coupling reactions with adaptive dynamic homogeneous catalysis	Indrajit Ghosh
11:50 – 12:10	Interfacial Control of Visible-Light Photochemical Reactions with Immobilized and Recyclable Photocatalysts	Zacharias Amara
12:15 – 13:00	General Assembly (CRC only)	
<i>Lunch</i>		
Session IX		<i>Chair: Max Stierle</i>
14:30 – 15:30	Stereocontrol in Photochemical Synthesis	Tehshik Yoon
15:30 – 15:50	Porous Poly(Heptazine Imides): Surface and Morphology Control towards efficient Light-Driven H ₂ O ₂ Production	Lingli Ni
15:50 – 16:10	From Structure to Function: Towards the Numerically Exact Transfer Dynamics in Photoactive Proteins	Benjamin Fingerhut
16:10 – 16:30	Photoredox-induced radical cascade cyclization of 2-alkynylarylnitriles: an access to 3-amino-1-indenones	Shruti Rajput
16:30 – 16:50	End – Concluding Remarks	