

Time	Monday, March 11	Time	Tuesday, March 12	Time	Wednesday, March 13	Time	Thursday, March 14
8:50	Welcome						
9:00	G. Masson: Visible Light Photoredox Catalysis as a tool for functionalization and preparation of complex organic molecules	9:00	A. Studer: Electron Catalysis	9:00	S. Benner: Molecular reactivity encountered in efforts to create synthetic life	9:30	R. Krishnamurthy: The role of Physical Organic Chemistry in the Selection of Molecules of Life
10:00	J. Skotnitzki, N. Weidmann (Knochel): New advances in cross-couplings	10:00	R. Wilcken: It's about time: Reactions of Intermediates over 18 Orders of Magnitude from Femtoseconds to Seconds	10:00	O. Trapp: Early Pathways to Life: Mechanisms to DNA, Molecular Evolution and Homochirality	10:30	T. Carell: New prebiotic approaches to RNA
10:30	D. Didier: Boron-relayed Strategies in C-C Bond-forming Reactions	10:30	H. Mayr/A. Ofial: Towards a Quantitative Concept of Polar Organic Reactivity	10:30	I. Huc: Aromatic foldamer structure and dynamics: molecules in slow motion		
11:00	coffee break	11:00	coffee break	11:00	coffee break	11:00	coffee break
11:45	S. Reiter (RDVR): Environmentally Influenced Photodynamics in Nucleic Acids F. Rott: Quantum chemical studies of a hemithioindigo-based photodriven molecular motor	11:45	J. Dietschreit (Ochsenfeld): Insights into chemistry through the computation of free energy hot-spots E. Naydenova: A quantum-chemical study of the base excision mechanism of 5-formylcytosine by thymine DNA glycosylase	11:45	A. Hoffmann-Röder: Biological Applications of Light-triggered Peptidomimetics	11:30	P. Holliger: Synthetic genetics: beyond DNA and RNA
12:15	A. Gerwien and C. Petermayer (Dube): Indigoid Photoswitches and Molecular Motors	12:15	short presentation of posters II	12:15	T. Badmann (Groll): Enzymatic mechanisms of archaeal and bacterial methylamine methyltransferases	12:30	closing remarks
	Lunch 12:45-14:45		Lunch 12:45-14:45		Lunch 12:45-14:30		Lunch 12:45-14:30
15:00	M. Olivucci: Understanding and Engineering the Vibrational Coherence of	15:00	H. Zipse, S. Ashirbaev, H. Jangra: C-H Bond Activation of	14:30	L. Daumann: Lanthanides: Biologically relevant		

	Vision		Dipeptide Models				
16:00	I. Antes: QM/MM-based approaches for the investigation of protein-ligand interactions	15:30	M. Zacharias: DNA Recognition and Deformability studied by Molecular Dynamics Simulations	15:00	S. Sieber, P. Kielkowsi: Chemical proteomics for protein post-translational modifications		
				15:30	Mitgliederversammlung		
16:30	coffee break	16:00	R. Linser: Large enzyme complexes and small sample amounts: A new era of NMR	16:30	Free time		
17:15	short presentation of posters I	16:30	coffee break				
		17:30	Poster Session	19:00	Dinner for guests and PIs		
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		19:30					