

Timetable Poster Symposium 2020

For participants of ITSC 19/20

Time	Room 1	Room 2	Room 3	Room 4
16.00-16.15	Welcome speech and technical information			
16.15-16.45	Talk 1.1	Talk 2.1	Talk 3.1	Talk 4.1
16.45-16.50		break		
16.50-17.20	Talk 1.2	Talk 2.2	Talk 3.2	Talk 4.2
17.20-17.30		break		
17.30-18.00	Talk 1.3	Talk 2.3	Talk 3.3	Talk 4.3
18.00-end		Ending speech		

Information without guarantee

Room 1: Inorganic Chemistry

1.1	Lennart Hensle	Metzler-Nolte	Synthesis of fluorophore tagged cationic Rh-NHC complexes as potential metallodrugs for cellular imaging
	Maximilian Wohlgemuth	Borchardt	The Mechanochemical Synthesis of HAT-CN
	Niklas Hartmann	Neumann	Synthesis of Methylated Holomycin Derivates and Investigation of their Metal-binding Properties
	Leon Wickert	Däschlein-Gessner	Synthesis of a Novel Ylide-Functionalized Phosphine (YPhos) and its Application in the Buchwald-Hartwig Amination
1.2	Asmaa Elrrays	Borchardt	Mechanochemical Synthesis of Imide-Linked Covalent Organic Frameworks (COFs)
	Fahd Afzal	Metzler-Nolte	Effects of cold atmospheric pressure plasma on selenium-containing amino acids
	Jorit Obenlünenschloß	Devi	Co(II) ALD Precursors + Metal-Based Sec. Reactants
	Anton Saposchenkov	Borchardt	The investigation of various grinding assisting additives
1.3	Oliver Scholtyssek	Metzler-Nolte	Organometallic Complexes of Re(I) and Au(I) as Antibacterial Agents
	Shriaya Shriaya	Apfel	Mixed-valent Cryptates
	Florian Preischel	Devi	Synthesis of Metal-Organic Precursors for ALD
	Miriam Sander	Borchardt	The „In situ Electrolyte“ Concept – The Sustainable Way to Carbon-based Supercapacitors

Room 2: Organic Chemistry

2.1	Frederike Beyer	Sander	Isolation of Reactive Intermediates in KBr Matrices
	David Hagmeyer	Dyker	A precursor for a Capsule-Resorcinarene-System
	Negar Sangtarash	Sander	A Study on Iodine Radical Compounds
	Max Surke	Huber	Synthesis of a Novel Iodolium Salt
2.2	Anna Schmidt	Neumann	Holomycin and S,S-Dimethylholomycin
	Debora Belmonte	Huber	Investigation of neutral bromine-based Halogen bond donors in solid state and solution
	Leif Kelling	Sander	5-Nitrene-1,4-naphthoquinone: A spin-switchable Nitrene?
	Albert Hermann	Dyker	Derivatization of a trimethylated resorcin[4]arene at the upper rim via Suzuki–Miyaura cross-coupling
2.3	Daniel Knyszek	Sander	Synthesis and Characterization of Heteroaryl carbenes in Cryogenic Matrices
	Merve Korkmaz	Huber	Selenium- and Tellurium-Based Chalcogen Bond Donors
	Katharina Blanke	Merten	Solvent Effects in the IR and VCD Spectra of Borneol and Isoborneol
	Philipp Neigenfind	Sander	Heavy atom tunnelling in the benzene oxide/oxepine equilibrium

Room 3: Physical and Analytical Chemistry

3.1	Ojong Ashu Tabot	Chassé	Kinetics of Wavelength-dependent Photooxidation In EP10
	Timothy Oppotsch	Hawenith	THz Absorption Spectroscopy of Aqueous Solutions of Vitamin C
	Adrian Buchmann	Hawenith	Investigating THz-Nonlinearity on a Diamond Cell
	Anil Özden	Schuhmann	Electrocatalytic Ethanol Oxidation by Self-assembling Catalyst Particles Nickel-iron Layered Double Hydroxide
3.2	Anna Czepull	Plumeré	Investigations on Screen Printed Electrodes for Nitrate Biosensing
	Lars Brämer	Rosenhahn	Characterization of Reverse Micelles Containing Acrylamide
	Oliver Trost	Plumeré	Protection of [FeFe]-Hydrogenase against Oxygen during HER and HOR by a 2,2'-Viologen based Redox Polymer
	Sangita Conjeevaram Viswanathan	Schuhmann	pH Response in Electrochemically Grafted Nanoelectrodes
	Tatiana Guseva	Rosenhahn	Assembly Kinetics and Surface Properties of Zwitterionic Peptide-SAMs
3.3	Sercan Akbaba	Plumeré	Introduction of crosslinking into 2,2'-methyl viologen polymer films for hydrogen conversion with hydrogenase
	Simon Zerulla	Schuhmann	Metal-Metalloid Alloys as Catalysts in Electrochemical Oxygen Evolution
	Vuk Puzovic	Rosenhahn	Photoinduced Polymer Coatings with Antifouling Properties
	Simon Vortmann	Plumeré	Hydrogen evolution reaction with SS73 and the enzyme DdH

Room 4: Industrial, Theoretical and Inorganic Chemistry

4.1	Jannik Böttger	Muhler	Nitrite reduction over a palladium catalyst
	Paul Schweer	Muhler	Influence of Ce on a CuCo-based catalyst for HAS via a hydrotalcite-like precursor
	Zijian Huang	Yu. Cao	Novel Organic silicone rubber adhesive (OSRA)) with nano-diamond (ND) as filler
	Sankalpa Nanda		Effect of Nitrogen Doping on Photocatalytic Activity of PEG capped ZnO
4.2	Thomas Porske	Muhler	Oxidative Cleavage of Styrene to Benzaldehyde over Co-Fe and Co ₃ O ₄ Spinel in the Liquid Phase
	Johanna Orth	Schäfer	Studying Polysorbate 20 Aggregation and its Interactions with Monoclonal Antibodies
	Philipp Woite	Römelt	A DFT Study on Cobalt-based Valence Tautomers
	Sebastian Blach	Marx	Quantum Simulations of the Methane-Helium Complex based on accurate Neural Network Potential Energy Surfaces
4.3	Larissa Schaper	Schmid	Structure Prediction of Metal-organic frameworks by the Reverse Topological approach: Polymorphs of UMCM-152/153
	Olivia Mc Cubbin Stepanic	MPI	Studying Biologically Relevant Zinc Complexes with X-ray Emission Spectroscopy
	Sebastian Kursawa	Solid Chem	Influence of a water-free N ₂ atmosphere on the formation of solid-state forms of Sulfathiazole
	Jonas Wolf	Metzler-Nolte	Synthesis of novel amino-acid based [Rh(COD)(NHC)Cl] and [Ir(COD)(NHC)Cl] complexes