

Innovation in Chemical Sciences

DAY 01 (19.11.2024)	
13:00 – 14:00 Gathering at the PMF (Horvatovac 102a) and refreshment	
14:00 – 14:30	Opening remarks Martina Jakovčić / Snežana Miljanić / Patrick Nürnberger / Nikolas Djukic
14:30 – 14:55	Oliver Reiser: <i>Turning Hay to Gold: Catalytic conversion of non-edible renewable resources into value-added product</i>
14:55 – 15:20	Dominik Cinčić: <i>Crystal engineering of organic and metal-organic halogen-bonded cocrystals</i>
15:20 – 15:55	Burkhard Koenig: <i>Better organic synthesis with light</i>
15:55 – 16:10 Coffee break	
16:10 – 16:35	Aleksandra Maršavelski: <i>Ancestral Sequence Reconstruction as a Tool to Enhance Solubility and Yield of Polyester-Degrading Enzymes</i>
16:35 – 17:00	Patrick Nürnberger: <i>A Time-Resolved Look on Photochemical Processes for which Adjacent Molecules Play a Crucial Role</i>
17:00 – 17:15	Israel Pulido-Diaz:
17:15 – 17:30	PhD or postdoc student from Bavarian University
17:30 – 17:45	Gregor Talajić: <i>Total synthesis of Penicyclone A</i>
17:45 – 18:30 Aperitive	
19:00 Dinner@ Mlinarica	
Day 02 (20.11.2024)	
9:00 – 9:25	Julia Rehbein: <i>Alice's Adventures in PhysOrg-Land</i>
9:25 – 9:50	Dominique Agustin: <i>Solvent-Sober Catalytic Processes for Biomass Valorization</i>
9:50 – 10:15	Michael Bodensteiner: <i>Anomalous crystallography - can we see oxidation states in crystal structures?</i>
10:15 – 10:30	PhD or postdoc student from Bavarian University
10:30- 10:45 Coffee break	
10:45 – 11:10	Gábor Balázs: <i>The Manifold Reactivity of Polyphosphorus Complexes</i>
11:10 – 11:35	Ivana Biljan: <i>Thin films and porous organic polymers built from aromatic compounds with nitrogen functionalities</i>
11:35 – 12:00	Dominik Horinek: <i>Molecular dynamics of solvent effects on ions, ion pairs, and ion aggregates</i>
12:00 – 12:15	Andrea Usenik: <i>The challenges behind solutions: An insight from various viewpoints of supramolecular physical</i>
12:15 – 13:15 Lunch break	
13:15 – 13:40	Frank-Michael Matysik : <i>(Bio)Analytical Chemistry and Sensor Research at Regensburg University: An Overview</i>
13:40 – 14:05	Svetlana B. Tsogoeva: <i>Achieving molecular complexity via metal-free domino reactions</i>
14:05 – 14:30	Stefan Kalkhof:
14:30 – 14:45	PhD or postdoc student from Bavarian University

14:45 – 15:00	David Klarić: <i>Application of mass spectrometry in characterization of drug:β-cyclodextrin systems</i>
15:15 – 15:30 Coffee break	
15:30 – 17:30	Flash poster section and poster section
17:30 – 19:00 Sightseeing of Zagreb	
19:00 Dinner @ Stari fijaker	
Day 03 (21.11.2024)	
9:00 – 10:00	Poster Section
10:00 – 11:30	Round table about future collaboration and cooperation/closing remarks
11:30 Refreshment	