

Innovation in Chemical Sciences

19 – 21 November 2024

@University of Zagreb,
Faculty of Science,
Department of Chemistry

Horvatovac 102 a,
Zagreb

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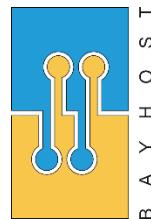
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Sveučilište u
Zagrebu



Universität Regensburg



| DAY 01 (19.11.2024) TUESDAY | |
|-----------------------------|---|
| Hall P1 | |
| 13:00 – 14:00 Refreshments | |
| 14:00 – 14:30 | Opening remarks |
| 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 König: <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 | Ali Haidar: <i>Green Catalysis for Biomass-Derived Heterocycles: Solvent-Free Oxidation of Linalool Using Polyoxometalates</i> |
| 17:15 – 17:30 | Nils Dünninger: <i>Synthesis of GaPt alloys supported on spray-dried supraparticles assembled to hierarchical suprabeads</i> |
| 17:30 – 17:45 | Gregor Talajić: <i>Total synthesis of Penicyclone A</i> |
| 17:45 – 18:30 Aperitive | |
| 19:30 Dinner | |

Refreshments, coffee break and aperitive will be served at the entrance lobby, Department of Chemistry, Faculty of Science.

Dinner - restaurant **MLINARICA**, Ulica Matije Jandrića 36, 10000, Zagreb.

| Day 02 (20.11.2024) WEDNESDAY | |
|-------------------------------|---|
| Hall P1 | |
| 10:30- 10:45 Coffee break | |
| 9:25 – 9:50 | Julia Rehbein: <i>Alice's Adventures in PhysOrg-Land</i> |
| 9:50 – 10:15 | Dominique Agustin: <i>Solvent-Sober Catalytic Processes for Biomass Valorization</i> |
| 10:15 – 10:30 | Michael Bodensteiner: <i>Anomalous crystallography - can we see oxidation states in crystal structures?</i> |
| 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 chemists</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: <i>Guiding Biomaterial Design through the Power of Omics Technologies</i> |
| 14:30 – 14:45 | Evgeniia Dorinova: <i>Site-specific RNA modifications by catalytic RNAs</i> |
| 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 and poster session (entrance lobby) |
| 17:30 – 19:00 Sightseeing of Zagreb | |
| 19:00 Dinner | |

Coffee break will be served at the entrance lobby, Department of Chemistry, Faculty of Science.

Lunch will be at the Faculty canteen.

Dinner - restaurant **STARÍ FIJAKER**, Mesnička ulica 6, 10000, Zagreb.

Meeting point for sightseeing – Radićeva ulica, sv. Juraj

| Day 03 (21.11.2024) THURSDAY | |
|------------------------------|--|
| Room 222 | |
| 9:00 – 10:00 | Poster session (entrance lobby) |
| 10:00 – 11:30 | Round table about future collaboration and cooperation/closing remarks |
| 11:30 Refreshments | |

Refreshments will be served at Room 222, Department of Chemistry, Faculty of Science.