

List of Posters

Poster Sessions:

Sunday, September 6, 2026, **18.30-21.30**

Monday, September 7, 2026, **18.00-21.00**

Group 0: General Information

0-1 Ian H. Williams

What is IUPAC?

Group 1: Mechanisms, Kinetics & Physical Organic Chemistry

1-1 Daniel E. Trujillo González, Kamil Szychta, J. Pablo Martínez

Kinetic Control of Selectivity in Ethyl Oleate Ethenolysis: A Combined DFT and Machine Learning Study

1-2 Davor Šakić, Kristina Pavić, Erim Bešić, Valerije Vrček

From Amides to Hydroxamic Acids: Switching Between Radical and Ionic Pathways in C-H amination reactions

1-3 Sofja Tshepelevitsh, Ivori Kaljurand, Mare Piirsalu, Jonathan Wenyuan Zheng, Martí Rosés, Jean-François Gal, Ivo Leito

Quality-Controlled pKa Data in Polar Aprotic Solvents

1-4 Taichi Tanaka, Riki Kitamoto, Takuya Kobayashi, Wataru Higemoto, Hiromi Taniguchi, Masaichi Saito

Room-temperature Ferromagnetism of a σ -Delocalized Diradical Based on the Peripheral Sulfur Atoms of Naphthalene

1-5 Chen Li, Lia Sotorrios, Andrés García-Domínguez, Andrew G. Leach, Guy C. Lloyd-Jones

Kinetics and Mechanism of Boroxine Alcoholysis

1-6 Julian EBer, Viktor Paczelt, André K. Eckhardt

Spectroscopic Characterization of N-methylenethioformamide

1-7 Maxwell D. Coney, Ron S. Haines, Nicolas De Souza, Stuart W. Prescott, Jason B. Harper

Co-solvent Effects on Reaction Outcomes in Ionic liquids: A Unified Framework Based on Dynamics and Nucleofugality

- 1-8** William J. Gaul, Ronald S. Haines, Jason B. Harper
Strength and Chance of Interactions: What Dictates Leaving Group Reactivity in Ionic Liquid Mixtures
- 1-9** Natalie Schürmann, Robert J. Mayer
Developing a Predictive Model for Phosphoryl Transfer Reactions
- 1-10** Chandrasekhar Gangadharappa, Xinchun Dai, Jason Harper, Dong Jun Kim
Quantifying the Photoacidity of a Merocyanine Photoacid in Dimethyl Sulfoxide
- 1-11** Julien F. Rowen, Yining Liu, Maurice Niehoff, Joel Mieres-Perez, Anna R. Mensing, Elsa Sanchez-Garcia, Wolfram Sander
TABF as a Double Proton Sponge: Steric Preorganization versus Antiaromatic Destabilization
- 1-12** Mario Damjanović, Danijela Barić, Zoran Glasovac, Ines Despotović, Borislav Kovačević
Computational Investigation of Protonated Bisphosphines as Strong Metal-Free Hydride Donors
- 1-13** Kristin Krueger
f, A. Portela-González, M. Maehara, André K. Eckhardt
Cryogenic Matrix Isolation Spectroscopy of Small Organic Main Group Radicals in Ar and p-H₂
- 1-14** Milena Wehrbach, Robert Mayer
High-Throughput Reverse Kinetics Reveal Reactivity Landscapes for Carbonyl-Bisulfite Addition in Water
- 1-15** Ines Despotović, Mario Damjanović, Borislav Kovačević
Tuning the Redox Potentials in Bisphosphine Derivatives: A DFT Investigation
- 1-16** Maike Mücke, R. A. Mata
Towards systematic initiations of minimum energy path calculations
- 1-17** Mia Bušljeta, Bernard Denegri, Mirela Matić
Reactivity of Sulfur-Based Leaving Groups: Sulfonates and Sulfinates in Aqueous Ethanol
- 1-18** Komal Kalonia, Mathias Schäfer, Maria Schlangen, Martin Breugst
Probing Intramolecular σ -Hole Interactions in Gas and Solution Phases
- 1-19** Stefan Kuffer, Robert Mayer
High-Throughput Kinetics Enable Predicting Reactivity Across Mechanisms of Acid/Base Catalysis in Water
- 1-20** Edward Jijie, Jennifer Marsh, Kayleigh Whitfield, Victor Chechik
Coated glass wool as a mimic for hair fibres: a mechanistic investigation of radical oxidation
- 1-21** Patrick Möhler, Alexander F. Siegle and Oliver Trapp
Kinetic and Mechanistic Insights into a Hemiacetal-catalyzed Pathway of Soai's Autocatalysis
- 1-22** Thomas Mödl, Prof. Oliver Trapp
CBS-Derived γ -Amino Alcohol Reductions
- 1-23** Luca V. Parziale, Oliver Trapp
Organozinc- and Aluminium-Mediated Alkylation of Carbonyls with (Amino-)Alcohol Ligands – Impact of Structural Modifications

1-24 Kazuhide Nakata, Masato Tanaka, Hans-Ullrich Siehl
*Computational Study of the Through-Resonance Effect
Operating in Phenylamino(trifluoromethyl)methyl Cations*

1-25 Moisés Canle*, M.I. Fernández, J.M. Oliva, J.A. Santaballa
*Short-lived intermediates and excited states from sym-triazines: a key to a proper
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1-26 Ben Woodward, Victor Chechik*
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Group 2: Catalysis & Synthesis

- 2-1** Junpei Matsuoka, Yuna Yano, Riko Okaguchi, Tomohiro Maegawa
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- 2-2** Omar A. El Seoud, Narciso Rodrigo S. Vagula, João Pedro A. Marcacini, Naved I. Malek
Optimized Synthesis of Cellulose Mixed Carboxylic Esters Under Homogeneous Conditions
- 2-3** Madani Hedidi, William Erb, Florence Mongin
Synthesis and transformation of iodinated ferrocene ketones
- 2-4** Yingdong Duan, Sanzhong Luo
Electrochemical reductive β -arylation and alkenylation of α -branched acrolein by primary amine/nickel dual catalysis
- 2-5** Ratnadeep Bera, Omer Shaashua, Anna Libman, Max T.G.M. Derks, Mor Ben Lulu, Jana Roithova, Doron Pappo
Ortho-Ortho Selective Oxidative Coupling of Phenols by Hydroxo Multicopper(II) Clusters
- 2-6** Maria - Aikaterini Giannakaki, Foteini Kakari, Constantinos G. Neochoritis
Freezing the Frame: Synthesis and Stereodynamic Mapping of Atropisomers
- 2-7** Zoran Glasovac, Lucija Piškur, Davor Margetić
Towards the Eco-friendly Guanidylation of Aminoacids
- 2-8** Francesco Sala, Quentin P. Bindschaedler, Julian A. Hueffel, Franziska Schoenebeck
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- 2-9** Victoria Öhler, Peter R. Schreiner
Enantioselective House-Meinwald-Rearrangement via Organo Brønsted Acid Catalysis
- 2-10** Felix Söhngen, Robert J. Mayer
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- 2-11** Lauren Billett, Jacob Murray, David Hodgson, AnnMarie O'Donoghue
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- 2-12** Gerald J. Tanoury, Thach Nguyen, Timothy Curran
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- 2-13** Aasif Helal
Design of Functionalized Metal-Organic Frameworks for Efficient CO₂ Fixation into Cyclic Carbonates under Mild Conditions
- 2-14** Ariel A. Pereira, Marco A. B. Ferreira
Unraveling Active Catalyst Formation in Boronic Acid-Catalyzed Amidation
- 2-15** Lisa Steuernagel, Christina M. Thiele
How to investigate the etioselective association of cyclic trans-diols and a peptide catalyst for kinetic resolution via Saturation Transfer Difference (STD) NMR spectroscopy
- 2-16** Kilian Heckenberger, Martin Diefenbach, Thomas Nehls, Lisa Steuernagel, Sonia Chhabra, Alexander Schnegg, Frederik Lermite, Herbert Plenio, Vera Krewald, Christina M. Thiele
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- 2-17** Prabhjot Singh, Amit Dubey, Neelam, Aleksander Piasecki, Simranjeet Sandhu, Saima, Jan Paczesny, Tejwant Singh Kang, Nishima Wangoo
Coordination-Mediated Nonlinear Catalytic Feedback in Enzyme-Like Copper-Tyrosine Self-Assembled Networks
- 2-18** Florian Gauer, Oliver Trapp
Investigation of β - and γ -Amino Alcohols as Ligands for Potential Boron-mediated Asymmetric Autocatalytic Reduction
- 2-19** Lennart Kirchhoff, Dino Berthold
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- 2-20** Christoph Kremser, Dino Berthold, Alexander Siegle, Oliver Trapp
In situ Activation of Ni(II) and Application of ToffiPhos Enable the Suzuki-Miyaura Cross-Coupling Reactions of Deactivated (Hetero)Aryl Chlorides
- 2-21** Maximilian Dölle, Lukas Stanzel, Oliver Trapp
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- 2-22** T. Rauch, K. Olbricht, D. Groß, S. Strey, D. Berthold
Dual Ni/photoredox-catalyzed cross-electrophile coupling reaction towards diheterobiaryls employing abundant amines as reducing agents
- 2-23** K. Olbricht, T. Rauch, D. Groß, S. Strey, D. Berthold
Mechanistic Studies Guided Development of a Dual Ni/Photoredox-Catalyzed Cross-Electrophile Coupling Reaction Towards Unsymmetrical Biaryls
- 2-24** Khang Nguyen, Michael G. Raab, Dino Berthold
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- 2-25** Jürgen Kuch and Oliver Trapp
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- 2-26** Christoph A. Lauer, Oliver Trapp
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- 2-27** Mita Dutta
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- 2-28** Feng Shi
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- 2-29** Neelam, Nishima Wangoo
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- 2-30** Renata Dalcanale Araujo, Monalisa Azevedo Moreira Costa, Alfeu Zanotto Filho, Hugo Gallardo, Adriana Passarella Gerola
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Group 3: Photochemistry, Photophysics & Functional Materials

3-1 Sangho Cho, Myungwoong Kim

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3-2 Koyo Murata, Manabu Abe

Photoreaction of Singlet 1,3-diradicals with π Single Bonding Character

3-3 Godfrey Osatohamwen Otabor, Esther Uwidia Ikhuoria, Joshua Osaretin Onaifo

Botanical Mediated Synthesis of Alkaline Metal Oxide Nanoparticles using Awolowo and Oil-Palm Leaves: Photocatalytic and Biological Properties

3-4 Anas Hamdi, Filip Bureš, Miroslav Ludwig

Phosphazene- and Triazine-Centered Chromophores

3-5 Zi-Hao Liao, Ying-Yi Ren, Feng Wang

Smart Luminescent Systems Based-on Pyrene for Multiple Stimuli-Responsiveness

3-6 Youchang Zhang, Yue-Biao Zhang

Photoelectric Sensing Studies of π -Conjugated Three-Dimensional Covalent Organic Frameworks

3-7 Gina Würfl, Peter R. Schreiner

The Influence of London Dispersion Interactions on [2+2]-Photocycloadditions

3-8 Chara Borislavova, Simona Djumayska, Julia Romanova, Yulian Zagranyski, Anela Ivanova

Theoretical assessment of potential indolocarbazole-based blue TADF emitters for OLEDs

3-9 Thien Thuy Trang Nguyen, Michele Sindt, Stephanie Hesse

Novel Benzimidazole and Bis-Benzimidazole Derivatives: L-Proline-Based DES Synthesis and Photophysical Characterization

3-10 Ivana Antol, Zoran Glasovac, Davor Margetić

Benzannulated TBD as a Building Block for Multichromophoric Systems: A Theoretical Perspective

3-11 A. Shen, D. Baschnagel, Y. Kaya, P. F. Brevet, D. Zhang, H. F. Bettinger

Structure-Property Relationships in Nonlinear Optical (NLO) Chromophores A Single Molecule Level Investigation

3-12 Büşra Buse Tütüncü, Tomáš Slanina

Meta-Effect-Driven o-Quinone Methides: Enabling Bidirectional Visible-Light-Triggered Release and Phase Interphase Photochemistry

3-13 Natalia Ceccotti Vlas, Raffaele Saladino

Lignin Nanoparticles as Sustainable Platforms for Visible-Light-Driven Aerobic Oxidation

3-14 Haruna Sugimura, Naoki Aratani

Introduction of Ubiquitous Substituents into Unsubstituted Indolizine for the Creation of Photofunctional Indolizine Derivatives

3-15 Miho Hirakawa, Naoki Aratani

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- 3-16** Sho Fukuda, Daiki Morishita, Said Jalife, Judy I. Wu, Yoshimitsu Itoh
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- 3-17** Mandisa Doncabe, Bheki Xulu, Stefan Schmidt, Tshephiso Ramoipone
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- 3-18** Carlos Enrique Torres-Méndez, Haining Tian
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- 3-19** Carolina Vesga-Hernández, Rafael dos Santos Carvalho, Luis Maqueira, Davi Back, Andrea Barbieri, Marco Cremona, Jones Limberger
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- 3-20** Anna Ovchenkova, Tobias Groß, Marco Holzapfel, Alexander Schmiedel, Christoph Lambert
A Novel para-Carborane-Bridged Donor-Acceptor Triad: Synthesis and Properties
- 3-21** Mattia Rinaldi, Maira Ilenia Martucci, El Czar Galleposo, Alexander Mengele, Lorenzo Riccio,
Cristina Bilanin Artigado, Stefan Warrington, Sven Rau, Davide Bonifazi
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- 3-22** Cyprien Muller, Simo Rantamäki, Longyu Guang, Tero-Petri Ruoko, Rafal Klajn
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Group 4: Supramolecular, Molecular Design & Structural Chemistry

- 4-1** Jiří Kulhánek, Zuzana Burešová, Jakub Opršal, Filip Bureš
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- 4-2** Aneta Šteiglová, Petr Janovský, Zdeňka Prucková, Ludmila Mudráková, Michal Rouchal, Marija Alešković, Marina Šekutor, Robert Vícha
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- 4-3** Zachary W. Schroeder, Boryslav O. Tkachenko, Stefan Bernhardt, Dennis Gerbig, Andrey A. Fokin, and Peter R. Schreiner
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- 4-4** Joris Zimmermann, Oliver R. Maguire
Towards an Electrochemically Programmable Biochemical Network for Animate Materials
- 4-5** Xingmao Chang, Max von Delius
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- 4-6** Yuta Makihara, Tomohiko Nishiuchi, Takashi Kubo
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- 4-7** Jonas Schmid, Mona Farhadi Rodbari, Sven Rau, Hans-Achim Wagenknecht
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- 4-8** Yina Ortega, Margaret J. Sobkowicz, Ramon F. Colmenares-Quintero, and Felipe Salcedo-Galan
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- 4-9** Amber Covington, Victor Chechik
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- 4-10** Mathijs Damhuis, Pascal Jonkheijm, Jurriaan Huskens
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- 4-11** Andrew M.L. West, Victor Chechik
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Group 5: Origins of Life, Biochemistry & Life Sciences

5-1 Benito Marazzi, Peter R. Schreiner

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5-2 Da-Geon Lee, Yong-Won Cho, Tae-Gyu Min, Won-Geun Oh, Min-Young Lee, Jae-Lim Seo, Yongho Shin

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5-3 Yong-Won Cho, Da-Geon Lee, Tae-Gyu Min, Won-Geun Oh, Min-Young Lee, Jae-Lim Seo, Yongho Shin

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5-4 Junseong Park

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5-5 Maciej Piejko, Robert J. Mayer

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5-6 Lukas Müller, Oliver Trapp

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5-7 Sadursika Saseendran, Marian S. R. Ebeling, Oliver Trapp

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5-8 A.D.Sharapov, R.F. Fatykhov, I.A. Khalymbadzha, V.N. Meshchaninov

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5-9 Marco J.F. van den Hout, Jurriaan Huskens

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