



Antwerp, Belgium

10th EuChemS Chemistry Congress

euchems2026.eu

12 - 16 July 2026



Monday 13th July 2026
Congress theme:
Molecular Design & Reactivity

| Session | Timing | Presenter | Title | Topic ID |
|-----------------|-------------|-----------------------------|---|----------------|
| 1 | 10:00-10:15 | Dr. Stanislav Petrovskii | Thiophene functionalized hexavanadate hybrids: modular synthesis and studies of their adsorption on Au(111) surfaces and gold nanoparticles | Nanomat |
| 2 | 10:15-10:30 | Mr. Kilian Declerck | Ligand Exchange in Zr/Hf-Oxo Clusters: Mechanistic Insights and Implications for Catalysis | Nanomat |
| 3 | 10:30-10:45 | Dr. Aleksandra Masulovic | Charged pathways in bent-core design: Pyridine scaffolds for next-generation soft materials | Nanomat |
| 4 | 10:45-11:00 | Ms. Paula Novella-Rodríguez | Structure-dependent Antimicrobial Activity of Polyoxometalate-Polypeptide Hybrid Materials | Nanomat |
| 5 | 11:00-11:15 | Dr. Cuilian Liu | Polyoxometalate-based Metal-Organic Assemblies Towards Supramolecular Catalysis and Functional Materials | Nanomat |
| 6 | 11:15-11:30 | Dr. Pierre Picchetti | Designing Nature-Inspired Multifunctional Nanomaterials through Silsesquioxane Chemistry | Nanomat |
| 7 | 11:30-11:45 | Prof. Luisa do Vale | Stimuli-responsive amino acid-based surfactants as nanovectors for biomedical applications | Nanomat |
| 8 | 11:45-12:00 | Dr. Paula Mayorga Burrezo | From Molecular Radicals to Water-Compatible Organic Nanoparticles: Unlocking Enhanced (Chiro)Optical Properties of Halogenated Trityl Derivatives for Biomedical Applications | Nanomat |
| Invited lecture | 14:00-14:30 | Eva Rentschler | Chiral Metallacrown Complexes | |
| 3 | 14:30-14:45 | Mr. Brecht Koek | Moiré superlattices from bilayers of synthetic 2D polymers: on-surface synthesis and defects | CompChem |
| 4 | 14:45-15:00 | Dr. Cataldo Valentini | Tailored 2D covalent organic frameworks with ambipolar repeating units as cathode material for aluminum energy storage device | CompChem |
| 5 | 15:00-15:15 | MSc. Louis Van Nyvel | Effect of size, charge, and spin state on Hückel and Baird aromaticity in [N]annulenes | CompChem |
| 6 | 15:15-15:30 | Ass. Prof. Dennis Svatunek | Reactivity Models for Tetrazine-Based Bioorthogonal Reactions | CompChem |
| 7 | 15:30-15:45 | Dr. Felix Plasser | Molecular design beyond the frontier molecular orbital picture | CompChem |
| 8 | 15:45-16:00 | Dr. Bernardo de Souza | SURFF: A New Simple, Universal and Robust Force Field for Large-Scale Molecular Modeling in ORCA | CompChem |
| 1 | 16:30-16:45 | Dr. Maria Voccia | A Plausible Model for Tightly Bound Single Metal Atoms on Carbon Nitride for Computational Studies on Single Atom Catalysis | CompChem |
| 2 | 16:45-17:00 | tbd | | |
| 3 | 17:00-17:15 | tbd | | |
| 4 | 17:15-17:30 | Dr. Charlie McTernan | Direct Active Template Synthesis of Cyclic Peptide Catenanes | OrgSyn/MedChem |
| 5 | 17:30-17:45 | Dr. Joachim Demaerel | Fluorothiazynes as SuFEx Ambiphiles: Interconversion to Aminosulfurdiimidoyl Fluorides | OrgSyn/MedChem |
| 6 | 17:45-18:00 | Prof. Michael Meanwell | Synthetic Strategies for Building and Editing Nucleoside Analogues | OrgSyn/MedChem |



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Tuesday 14th July 2026
Congress theme:
Molecular Design & Reactivity

| Session | Timing | Presenter | Title | Topic ID |
|------------------------|--------------------|-------------------------------|---|----------------|
| 1 | 10:00-10:15 | Mr. Ashwini Mishra | Waste reduction and utilisation in alkyl halide synthesis: Development of "low waste" catalytic synthetic methodology | OrgSyn/MedChem |
| 2 | 10:15-10:30 | MSc. Frank de Kleijne | Anchimeric assistance of acyl neighboring groups as stereodirecting strategy in synthesis: What can we learn from glycoscience? | OrgSyn/MedChem |
| 3 | 10:30-10:45 | Mr. Panagiotis Kalomenopoulos | Enantioselective synthesis of α -aryl propionyls via a cobalt-catalysed cationic semipinacol rearrangement | OrgSyn/MedChem |
| 4 | 10:45-11:00 | Mr. Kaan Karaca | Sustainable N-Arylation of Imidazoles Enabled by Copper Single-Atom Catalysts | OrgSyn/MedChem |
| 5 | 11:00-11:15 | Dr. Cristiana Margarita | Electrochemical desulfurative borylation of thiols, disulfides, thioethers and thioacetals | OrgSyn/MedChem |
| 6 | 11:15-11:30 | Prof. Ching-Wen Chiu | Catalytic Applications of Di-Substituted Boron and Aluminum Cations | OrgSyn/MedChem |
| 7 | 11:30-11:45 | Maurizio Benaglia | Telescoped synthesis of chiral APIs: in flow electrochemical and photoredox catalytic reactions | OrgSyn/MedChem |
| 8 | 11:45-12:00 | Prof. Serhiy Ryabukhin | Serendipity Results as a Driving Force for Novel Reaction Development | OrgSyn/MedChem |
| Invited lecture | 14:00-14:30 | Sebastian Riedl | From Laboratory Curiosities to Industrial Applications: the World of Halogens | |
| 3 | 14:30-14:45 | Dr. Olexandr Pashenko | Sustainable Cubane Supply Unlocks Cuneanes as Common Tools for Medicinal Chemistry | OrgSyn/MedChem |
| 4 | 14:45-15:00 | Dr. Dmytro Leha | Turning a Bottleneck into a Tool: Rawal's Diene Case | OrgSyn/MedChem |
| 5 | 15:00-15:15 | Mr. Paul Nolan | Highly Stereoselective Synthesis of Bioisosteric Fluorinated 3-azabicyclo[3.1.0]hexane Scaffolds via Asymmetric Cu Catalysed (3+2) Cycloadditions | OrgSyn/MedChem |
| 6 | 15:15-15:30 | Mr. Khaleel Zareen | Expanding Drug-Relevant Chemical Space Through Pt-Au Bimetallic Catalysis | OrgSyn/MedChem |
| 7 | 15:30-15:45 | Prof. Fabio Bellina | Metal-free direct C-H arylation of imidazoles enabled by in situ diazotization in water | OrgSyn/MedChem |
| 8 | 15:45-16:00 | Mrs. Agathe Fayolle | Diastereoselective Access to α -Hydroxy-Lactams Through Carbene-Carbonyl Cyclization | OrgSyn/MedChem |
| 1 | 16:30-16:45 | PhD student Laura Thirion | Rh(III)-Catalyzed Room-Temperature Heterobiaryl Synthesis: Elucidating the Complementary Roles of Cp-Ligand Design and Ag(I) Salts | OrgSyn/MedChem |
| 2 | 16:45-17:00 | Dr. Maria Koyioni | Synthesis of canthin-4-ones and related molecules | OrgSyn/MedChem |
| 3 | 17:00-17:15 | Prof. Henrik Sundén | Selective Boron-Based Ortho-Directed Functionalization Strategies of Aromatic Substances | OrgSyn/MedChem |
| 4 | 17:15-17:30 | Many Hemati | Enantioselective Radical Synthesis of β -Lactams via Co(II)-Based Metalloradical Catalysis Enabled by Ligand Innovation | OrgSyn/MedChem |
| 5 | 17:30-17:45 | Gibrael Fadel | A Metal-Free Iminium-Driven Synthesis of Amines from Alkenes | OrgSyn/MedChem |
| 6 | 17:45-18:00 | Dr. Jake Greenfield | Using Photoswitchable Imines to Drive (dark)Transimination Reactions Uphill | OrgSyn/MedChem |



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Wednesday 15th July 2026
Congress theme:
Molecular Design & Reactivity

| Session | Timing | Presenter | Title | Topic ID |
|-----------------|-------------|----------------------------|---|---------------------|
| 1 | 10:00-10:15 | Mr. Jack Wright | Synthesis and application of large, water-soluble [FeII ₄ L ₆] tetrahedra | OrganoMet/CoordChem |
| 2 | 10:15-10:30 | Dr. Florian Mulks | Stabilising Divalent Carbocations Through Donor-Coordination | OrganoMet/CoordChem |
| 3 | 10:30-10:45 | Dr. Mengmeng Wang | Effect of Aromatic Substitution on Spin Crossover in [Fe(H ₂ Bpz ₂) ₂ (bipy-R)] Iron(II) Complexes | OrganoMet/CoordChem |
| 4 | 10:45-11:00 | Dr. Richard Röß-Ohlenroth | Functionality Fine-Tuning in 1,2,3-Triazolote-Based Coordination Frameworks | OrganoMet/CoordChem |
| 5 | 11:00-11:15 | Prof. Dr. Andrea Biffis | Enhancing diversity in organometallic, atomically precise gold clusters | OrganoMet/CoordChem |
| 6 | 11:15-11:30 | Dr. Max Bols | Empowering Cheap Transition Metals for Catalysis by Tuneable Coordination in Zeolites | OrganoMet/CoordChem |
| 7 | 11:30-11:45 | Dr. Valérie Marvaud | Magnetic dendrimers: tackling the challenge of synthesis and characterization | OrganoMet/CoordChem |
| 8 | 11:45-12:00 | Prof. Dr. Hsueh-Ju Liu | Reactivity studies of a main-group lead hydride and a bimetallic di-iron dihydride complex | OrganoMet/CoordChem |
| Invited Lecture | 14:00-14:30 | Dr. Narcis Avarvari | Chirality related properties in molecular materials | |
| 3 | 14:30-14:45 | Prof. Steven Nolan | The [M(NHC)Cbz] Architecture (M= Au and Cu; Cbz = carbazoly): Advances in EnT photocatalysis | OrganoMet/CoordChem |
| 4 | 14:45-15:00 | Mrs. Mélaïne Wang | Design of Isoindole-based N-Heterocyclic Ligands for Bioactive Bimetallic Complexes | OrganoMet/CoordChem |
| 5 | 15:00-15:15 | Mr. Kobe Peeters | Enantioselective interactions on chiral nanopatterned surfaces | OrganoMet/CoordChem |
| 6 | 15:15-15:30 | Dr. Alessio Nicolini | Chiral Metal-Organic Frameworks (MOFs) enhance Oxygen Evolution Reaction through CISS effect | OrganoMet/CoordChem |
| 7 | 15:30-15:45 | MSc. Paul Erik Schneider | Selective 1'-lithiation of planar-chiral ferrocenes enabled by switchable coordination: the effect of a methoxy-silyl group | OrganoMet/CoordChem |
| 8 | 15:45-16:00 | Sven Lempereur | Excited-State Dynamics of Iridium(III) Photosensitizers Bearing pH Sensitive Strong Electron Donating Bipyridine Ligand Functionalized with N-Heterocyclic Imine and Olefin | OrganoMet/CoordChem |
| 1 | 16:30-16:45 | Dr. Davide Blasi | Polyhalogenated Thiele hydrocarbons as promising stimuli-responsive molecular materials | LuminescentMat |
| 2 | 16:45-17:00 | Dr. Augustin Madalan | Luminescent complexes with imino/amino podands containing extended pi systems | LuminescentMat |
| 3 | 17:00-17:15 | Prof. Jye-Shane Yang | Thermo-/Photo-responsive fluorescence and mechanical properties of dynamic organic crystals | LuminescentMat |
| 4 | 17:15-17:30 | Andrea Fermi | Luminescent polysulfurated benzenes: a versatile platform for RTP and TADF materials | LuminescentMat |
| 5 | 17:30-17:45 | Mr. Isaac Fuentes | FROG Dyes: A New Class of Anionic Near Infrared Fluorophores | LuminescentMat |
| 6 | 17:45-18:00 | MSc. Maria Vittoria Balli | Electrochemiluminescence of a unimolecular ruthenium(II)-labelled cucurbit[7]uril: From mechanistic insights to applications | LuminescentMat |



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Thursday 16th July 2026
Congress theme:
Molecular Design & Reactivity

| Session | Timing | Presenter | Title | Topic ID |
|-----------------|-------------|--|--|----------|
| 1 | 10:00-10:15 | Mr. Shouryo Ghose | Effect of the directionality of the external force on the rupture of mechanophores | Supramol |
| 2 | 10:15-10:30 | Dr. Ferran Esteve | Write and Erase: Macrocyclic Effectors Regulate Imine Expression in Water | Supramol |
| 3 | 10:30-10:45 | Ms. Fidan Rahmatova | A novel prebiotic pathway for lipid acylation | Supramol |
| 4 | 10:45-11:00 | Prof. Massimiliano Cordaro | Synthesis of Amphiphilic Pyrene-BODIPY Sulfonates with Self-Assembling Properties | Supramol |
| 5 | 11:00-11:15 | MSc. Siebe Lekanne Deprez | Effect of Chalcogen Atom Size on Hydrogen Bond Strength in Chalcoamide-based Linear Polymers | Supramol |
| 6 | 11:15-11:30 | Mr. Jie Zhang | Design of Controllable Two-Dimensional Heterojunction Structures on Surfaces - Starting from Moiré Self-Assembled Molecular Networks | Supramol |
| 7 | 11:30-11:45 | Dr. Javed Pathan | Nanotube-Induced Organic Frameworks (NIOFs) via a topochemical reactions | Supramol |
| 8 | 11:45-12:00 | PhD student Angie Johana Bolaños Burbano | Artificial Phototactic Microswimmers for Precise Light-Guided Navigation | Supramol |
| Invited lecture | 14:00-14:30 | Xiao Feng Wu | Carbonylative transformation of light alkanes | |
| 3 | 14:30-14:45 | Dr. Karolis Norvaisa | Development of Synthetic Transmembrane Transporters for Phosphates | Supramol |
| 4 | 14:45-15:00 | Dr. Irene Regeni | Ru(II)-peptide conjugates for photoactivated chemotherapy | Supramol |
| 5 | 15:00-15:15 | Dr. Corentin Pochet | Second-coordination sphere of pyrazoles metal complexes: from anion recognition to bimetallic assemblies | Supramol |
| 6 | 15:15-15:30 | Mr. Jakub Ossowski | Selective release and rewriting of information stored in bio-hybrid digital polymers by DNA strand displacement | Supramol |