



Antwerp, Belgium

10th EuChemS Chemistry Congress

euchems2026.eu

12 - 16 July 2026



| CODE | Timing | Presenter | Title |
|--------------|-------------|---------------------------|---|
| CNCS-O-PL-1A | tbd | Ivo Teixeira | Single-Atom Functionalized Poly(heptazine imide) as a Platform for Solar-to-Chemical Conversion |
| CNCS-O-PL-1B | 10:00-10:15 | Agustin de Arriba | Metal-driven structural rearrangement in Mn single-atom catalysts for selective photocatalytic oxidation of C-H bonds |
| CNCS-O-PL-1C | 10:15-10:30 | Hushan Chand | Cu Single Atom Catalyst for Three Component Coupling Reaction |
| CNCS-O-PL-1D | 10:30-10:45 | | |
| CNCS-O-PL-1E | 10:45-11:00 | Areti Moutsiou | Tracking charge dynamics in a silver single-atom catalyst during the light-driven oxidation of benzyl alcohol to benzaldehyde |
| CNCS-O-PL-1F | 11:00-11:15 | Sergio Posada Pérez | Hydrogen Evolution Suppression as a Prerequisite for Selective CO ₂ Reduction on MXene-Supported Single-Atom Catalysts |
| CNCS-O-PL-1G | 11:15-11:30 | Anna Fortunato | Producing Ethylene with Light |
| CNCS-O-PL-1H | 11:30-11:45 | Mihaela-Mirela Trandafir | Insights into 4-nitrostyrene chemoselective hydrogenation on Pd supported on (TiW) ₂ AlC and (TiW) ₃ AlC ₂ MAX phases and their corresponding MXenes |
| CNCS-O-PL-1I | 11:45-12:00 | Till De Cahsan | Partial Hydrogenation of Alkynes using Carbohydrates as Alternative Hydrogen Source on Pt/C |
| CNCS-I-PL-1 | 14:00-14:30 | Bert M. Weckhuysen | Operando Spectroscopy of Heterogeneous Catalysts to Make Fuels and Chemicals |
| CNCS-O-PL-1J | 14:30-14:45 | Rosa Llusar | Catalytic hydrogenation and dehydrogenation reactions using molybdenum sulfide clusters and their sulfur-centered reaction mechanisms |
| CNCS-O-PL-1K | 14:45-15:00 | | |
| CNCS-O-PL-1L | 15:00-15:15 | Hui Wang | Visualizing the Surface Restructuring of Copper Electrodes during CO ₂ Electro-Reduction |
| CNCS-O-PL-1M | 15:15-15:30 | Lénaïck Hervé | A Bottom-Up Construction of Heterogeneous Catalysts Enabling the Selective Oxidation of HMF into FDCA |
| CNCS-O-PL-1N | 15:30-15:45 | Keanu V.A. Birkelbach | Heterogeneous reductive hydroformylation via amine/Rh-based solid molecular catalysts |
| CNCS-O-PL-1O | 15:45-16:00 | Yoran De Vos | 3D micro-extrusion of structured oxide catalysts: linking catalyst shaping to reactor-relevant performance |
| CNCS-O-PL-1P | 16:30-16:45 | Raquel P. Herrera | Innovations in Enantioselective Organocatalytic C-P and C-C Bond Formation Using Formal C(sp ³)-H Activation |
| CNCS-O-PL-1Q | 16:45-17:00 | Samer Gnaim | One-Electron Approach for Trans-Selective Alkyne Semi-Reduction via Cobalt Catalysis |
| CNCS-O-PL-1R | 17:00-17:15 | Ambra M. Fiore | Infrared Irradiation assisted Pd/Cu catalysis for sustainable C-N cross coupling |
| CNCS-O-PL-1S | 17:15-17:30 | Fabrizio Careddu | Functionalized Carbon and Silica Supports for C-H Bond-Activating Enzymes Immobilization and Reuse |
| CNCS-O-PL-1T | 17:30-17:45 | Igor Beckers | Catalytic Cross-Coupling of N-Terminal Glycine C(sp ³)-H Bonds in Peptides Enables Rapid Access to Underexplored Molecular Space in Drug Discovery |
| CNCS-O-PL-1U | 17:45-18:00 | Jean-Denys Hamel | Photoredox defluorinative γ -substitution: Trading C-F for C-C bonds towards monofluoroalkenes |



Antwerp, Belgium

10th EuChemS Chemistry Congress

euchems2026.eu

12 - 16 July 2026



Tuesday 14th July 2026
Congress theme:
Catalyzing New Chemistry Solutions

| CODE | Timing | Presenter | Title |
|--------------|-------------|-----------------------------|---|
| CNCS-O-PL-2A | 10:00-10:15 | Jr-I Yang | Photocatalytic synthesis of urea by using metal-organic framework-derived Cu/W dual composite catalysts |
| CNCS-O-PL-2B | 10:15-10:30 | Jan Holub | Electro- and photocatalytic ammonia oxidation with RuBda-functionalised carbon materials |
| CNCS-O-PL-2C | 10:30-10:45 | Maria Antonietta Di Stefano | Dioxo-Vanadium(V) ONO Complexes for Aerobic Photocatalytic Cleavage of C=C Bonds |
| CNCS-O-PL-2D | 10:45-11:00 | Onder Metin | Engineering 2D Semiconductor Heterojunctions for Efficient Visible-Light-Driven Photocatalysis toward Sustainable Chemical |
| CNCS-O-PL-2E | 11:00-11:15 | Andrea Uroz | A versatile family of [IrCp*Cl(N^O)](photo)catalysts: Unlocking new challenging reactivities |
| CNCS-O-PL-2F | 11:15-11:30 | Ting Yu Chen | Photocatalytic Cu-BTC@Fe-MIL-101-NH ₂ Composite for CO ₂ Capture and Conversion: Advancing Greener Synthesis and |
| CNCS-O-PL-2G | 11:30-11:45 | Kirk Schanze | Electron Transfer Reactivity of Ion-Radical Photocatalysts |
| CNCS-O-PL-2H | 11:45-12:00 | Petr Kovaříček | Light-responsive dynamic covalent systems: out-of-equilibrium states, switching and catalysis |
| CNCS-I-PL-2 | 14:00-14:30 | Ive Hermans | Detangling Complex Catalytic Systems for Sustainable Transformation |
| CNCS-O-PL-2I | 14:30-14:45 | Miguel Rivero-Crespo | Biomimetic MOF-Based Multicatalytic Systems for Green Aerobic Oxidations |
| CNCS-O-PL-2J | 14:45-15:00 | Morena Chiariotti | Exploiting capillary effects in Fe-MOFs for light alkane oxidation |
| CNCS-O-PL-2K | 15:00-15:15 | Maxim Lox | Probing nanozymatic activity in metal-organic frameworks via luminescent Linkers |
| CNCS-O-PL-2L | 15:15-15:30 | Xu Jia | Crystal Engineering of Zinc Metal-Organic Frameworks with Intrinsic Dynamicity for Multicomponent Catalysis |
| CNCS-O-PL-2M | 15:30-15:45 | Iván Sorribes | Advancing sustainability via molecular design of nanomaterials |
| CNCS-O-PL-2N | 15:45-16:00 | Wouter Van Hecke | Catalysis-driven routes to bio-based acetate and acrylate esters: integrating bioprocessing and enzyme-enabled chemistry |
| CNCS-O-PL-2O | 16:30-16:45 | Sophie van Vreeswijk | Pt-based Zeolites as Bifunctional Catalysts for Polyolefins Depolymerisation |
| CNCS-O-PL-2P | 16:45-17:00 | | |
| CNCS-O-PL-2Q | 17:00-17:15 | Claudia Múgica | Tailoring zeolite acidity and surface properties for direct isobutanol-to-SAF conversion |
| CNCS-O-PL-2R | 17:15-17:30 | | |
| CNCS-O-PL-2S | 17:30-17:45 | Iqtidar Ali Khan | Tailoring vanadium-impregnated small-pore zeolite(CHA) catalysts: Effects of synthesis on structure and non-oxidative and CO ₂ -assisted propane dehydrogenation performance |
| CNCS-O-PL-2T | 17:45-18:00 | Nelcari Ramirez Marquez | Designing Accessible Zeolitic Materials via Solution-Phase Precipitation |



Antwerp, Belgium

10th EuChemS Chemistry Congress

euchems2026.eu

12 - 16 July 2026



Wednesday 15th July 2026
Congress theme:
Catalyzing New Chemistry Solutions

| CODE | Timing | Presenter | Title |
|--------------|-------------|----------------------|---|
| CNCS-O-PL-3A | 10:00-10:15 | Ganesh Sorabad | One-pot Catalytic Synthesis of Ortho-Carboxyl Biaryls by Catellani Strategy |
| CNCS-O-PL-3B | 10:15-10:30 | Yen-Ku Wu | Direct β -methylation of α -activated cycloalkenones: total synthesis of benastatins B and D |
| CNCS-O-PL-3C | 10:30-10:45 | Belén Lerma-Berlanga | New Strategies for Sustainable Base Catalysis through Metal Cluster Design |
| CNCS-O-PL-3D | 10:45-11:00 | Hariprasad B S | Superior Efficacy of Selenium-Promoted Cobalt Titanate in Dual Catalysis: Bisindole Synthesis and Acetophenone Hydrogenation |
| CNCS-O-PL-3E | 11:00-11:15 | Sarah Smoni Varghese | Synthesis of Axially Chiral P,N Ligands Exploiting Non-Covalent Bonding Interactions and their Application in Asymmetric Catalysis |
| CNCS-O-PL-3F | 11:15-11:30 | Paolo Freisa | Beyond mixing: Quad-screw extruder as a chemical reactor for solvent-free organic synthesis |
| CNCS-O-PL-3G | 11:30-11:45 | Jakub Kusz | From support to catalyst: redefining the role of the carbon in thermochemical hydrogenation reactions |
| CNCS-O-PL-3H | 11:45-12:00 | Michele Tomasini | Unlocking Nonalternating Ethylene-CO Copolymerization via Ligand-Controlled Isomerization |
| CNCS-I-PL-3 | 14:00-14:30 | Nuria Lopez | The role of Theory in Catalytic processes |
| CNCS-O-PL-3I | 14:30-14:45 | Petra de Jongh | Bimetallic Ni-Cu and Cu-Pd (de)Hydrogenation Catalysts – Composition and Particle Size Effects |
| CNCS-O-PL-3J | 14:45-15:00 | Samer Gnaim | One-Electron Approach for Trans-Selective Alkyne Semi-Reduction via Cobalt Catalysis |
| CNCS-O-PL-3K | 15:00-15:15 | | |
| CNCS-O-PL-3L | 15:15-15:30 | Richard Buchinger | Bio-electrocatalytic cascade processes for efficient valorization of biomass and plastic waste feedstocks into olefins |
| CNCS-O-PL-3M | 15:30-15:45 | Maël Bressoux | Towards the Direct Reduction of Atmospheric CO ₂ : Copper(I)-Mediated Hydrosilylation of Highly Diluted CO ₂ |
| CNCS-O-PL-3N | 15:45-16:00 | Limor Ben Neon | Toward robust and scalable formulation of Ceramic-Supported Catalysts for Reversible Hydrogen Storage Using LOHCs |
| CNCS-O-PL-3O | 16:30-16:45 | | |
| CNCS-O-PL-3P | 16:45-17:00 | Yu Cao | Hydrogen Regulation at Metal-Support Interfaces for Selective Plastic Hydrogenolysis |
| CNCS-O-PL-3Q | 17:00-17:15 | Sihana Ahmedi | Magnetically Induced Iron-Catalyzed Hydrodeoxygenation of Benzylic Esters and Polyesters |
| CNCS-O-PL-3R | 17:15-17:30 | Lars Faber | Reduction of Levulinic Acid to GVL – Catalyst Recycling through membrane nanofiltration |
| CNCS-O-PL-3S | 17:30-17:45 | Dongmin Park | Steric Hindrance of Proton Donor Modulates Heterogeneous Electrochemical Nitrogen Reduction Reaction Selectivity in Non-aqueous Electrolyte |
| CNCS-O-PL-3T | 17:45-18:00 | Milla Vigliengo | Robust Ink-Formulated Single-Atom Catalyst Electrodes for Anodic and Cathodic Organic Electrosynthesis |



Antwerp, Belgium

10th EuChemS Chemistry Congress

euchems2026.eu

12 - 16 July 2026



Thursday 16th July 2026
Congress theme:
Catalyzing New Chemistry Solutions

| CODE | Timing | Presenter | Title |
|--------------|-------------|-------------------------|---|
| CNCS-O-PL-4A | 10:00-10:15 | Radovan Sebesta | Making asymmetric organocatalysis greener and more efficient through ball-milling |
| CNCS-O-PL-4B | 10:15-10:30 | Kriti Mehta | 1,1-Diaminoazine : A versatile organocatalyst |
| CNCS-O-PL-4C | 10:30-10:45 | Chun-Cheng Lin | Chemoenzymatic Synthesis of Gangliosides |
| CNCS-O-PL-4D | 10:45-11:00 | Rongwei Gao | Can proteins be fast and selectively cleaved under mild conditions without using proteases? A bimetallic Ce-MOF artificial nanozyme answers |
| CNCS-O-PL-4E | 11:00-11:15 | Clara S. B. Gomes | Sustainable Copper(I) Catalysts for CuAAC: Mechanochemistry, Structure and Mechanism |
| CNCS-O-PL-4F | 11:15-11:30 | Samuel Suárez Pantiga | Direct synthesis of secondary amines and N-based heterocycles from nitrocompounds under molybdenum catalysis |
| CNCS-O-PL-4G | 11:30-11:45 | | |
| CNCS-O-PL-4H | 11:45-12:00 | Dominik Halter | Opportunities and challenges of in situ & ex situ electro-organic synthesis with H ₂ O at transition metal catalysts |
| CNCS-I-PL-4 | 14:00-14:15 | Regina Palkovits | Catalyzing the Energy & Resource Transformation |
| CNCS-O-PL-4I | 14:30-14:45 | | |
| CNCS-O-PL-4J | 14:45-15:00 | Maximilian Wohlgemuth | Direct Mechanochemistry via Catalytically Coated Milling Tools |
| CNCS-O-PL-4K | 15:00-15:15 | Maike Mayer | Mechanochemistry: A different Path to Selective Hydrogenation |
| CNCS-O-PL-4L | 15:15-15:30 | Evelina Colacino | Mechanochemistry in batch and continuous - A transformative opportunity for sustainable pharmaceutical manufacturing : case studies |