Monday 13th July 2026
Congress theme:
Catalyzing New Chemistry Solutions
Conference room:
Darwin Hall

CODE	Timing	Presenter	Title
CCS - D1 - O01	10:00-10:15	Agustin de Arriba	Metal-driven structural rearrangement in Mn single-atom catalysts for selective photocatalytic oxidation of C–H bonds
CCS - D1 - O02	10:15-10:30	Hushan Chand	Cu Single Atom Catalyst for Three Component Coupling Reaction
CCS - D1 - O03	10:30-10:45	Igor Beckers	Catalytic Cross-Coupling of N-Terminal Glycine C(sp3)-H Bonds in Peptides Enables Rapid Access to Underexplored Molecular Space in Drug Discovery
CCS - D1 - O04	10:45-11:00	Kriti Mehta	1,1-Diaminoazine : A versatile organocatalyst
CCS - D1 - O05	11:00-11:15	Sergio Posada Pérez	Hydrogen Evolution Suppression as a Prerequisite for Selective CO2 Reduction on MXene-Supported Single-Atom Catalysts
CCS - D1 - O06	11:15-11:30	Anna Fortunato	Producing Ethylene with Light
CCS - D1 - O07	11:30-11:45	Mihaela-Mirela Trandafir	Insights into 4-nitrostyrene chemoselective hydrogenation on Pd supported on (TiW)2AlC and (TiW)3AlC2 MAX phases and their corresponding MXenes
CCS - D1 - O08	11:45-12:00	Till De Cahsan	Partial Hydrogenation of Alkynes using Carbohydrates as Alternative Hydrogen Source on Pt/C
POSTER FLASH	12:00		
CCS - D1 - F01		Ren-Xuan Yang	Sustainable Chemical Recycling of Polycarbonate: Solvent-Assisted Methanolysis using Magnetic Fe@ZIF-8 Derivatives
CCS - D1 - F02		Ihar Mikhnavets	Solvent-free mechanochemical Suzuki-Miyaura Coupling
CCS - D1 - F03		Roman Larkovich	An electrogenerated base route towards the synthesis of transition metal NHC-ligated complexes
CCS - D1 - F04		Rebecca Sebers	Biomass-Based Monomers for Recyclable Polymers: A Pathway Toward Sustainable Chemistry
CCS - D1 - F05		Elisa Giovanna Faggioli	Upscaling nanocellulose in catalysis with novel in-flow applications for amino- and metal-driven reactions
CCS - D1 - F06		HUI XU	Dual-Active-Site in Pt-Co/Z-HP catalyst via Strong Metal-Support Interactions for VOCs Oxidation
CCS - D1 - F07		Elke Theeuwes	Getting all ducks in one row, unravelling the complexity of chemical recycling of hard-to-recycle plastics
CCS - D1 - F08			
Lunch			
CCS - D1 - I01	14:00-14:30	**Bert M. Weckhuysen**	Operando Spectroscopy of Heterogeneous Catalysts to Make Fuels and Chemicals
CCS - D1 - O09	14:30-14:45	Rosa Llusar	Catalytic hydrogenation and dehydrogenation reactions using molybdenum sulfide clusters and their sulfur-centered reaction mechanisms

CCS - D1 - O10	14:45-15:00	Jean-Denys Hamel	Photoredox defluorinative γ-substitution: Trading C–F for C–C bonds towards monofluoroalkenes
CCS - D1 - O11	15:00-15:15	Hui Wang	Visualizing the Surface Restructuring of Copper Electrodes during CO2 Electro-Reduction
CCS - D1 - O12	15:15-15:30	Lénaïck Hervé	A Bottom-Up Construction of Heterogeneous Catalysts Enabling the Selective Oxidation of HMF into FDCA
CCS - D1 - O13	15:30-15:45	Keanu V.A. Birkelbach	Heterogeneous reductive hydroformylation via amine/Rh-based solid molecular catalysts
CCS - D1 - O14	15:45-16:00	Yoran De Vos	3D micro-extrusion of structured oxide catalysts: linking catalyst shaping to reactor-relevant performance
Coffee break			
CCS - D1 - O15	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
CCS - D1 - O16	16:45-17:00	Samer Gnaim	One-Electron Approach for Trans-Selective Alkyne Semi-Reduction via Cobalt Catalysis
CCS - D1 - O17	17:00-17:15	Ambra M. Fiore	Infrared Irradiation assisted Pd/Cu catalysis for sustainable C-N cross coupling
CCS - D1 - O18	17:15-17:30	Fabrizio Careddu	Functionalized Carbon and Silica Supports for C–H Bond-Activating Enzymes Immobilization and Reuse
CCS - D1 - O19	17:30-17:45	Miguel Martin de Vries Ibáñez	Iridium-Free Dual Photoredox Catalysis Based on Carbon Nitride for Greener C–C Cross-Couplings
CCS - D1 - O20	17:45-18:00	Ivo Teixeira	Single-Atom Functionalized Poly(heptazine imide) as a Platform for Solar-to-Chemical Conversion
Posters			
CCS - D1 - P01		Lisa De Vriendt	The controlled transfer hydrogenation of muconates using Ru based catalysis
CCS - D1 - P02		Tomáš Čarný	Mechanochemical utilization of Reformatsky Zn-enolates in cross-coupling reactions
CCS - D1 - P03		Akbi Hamdane	Synergistic Graphene/CuO Coatings by an Intermittent Spray-Coating to Enhance the Thermal Decomposition and Performance of Ammonium Perchlorate
CCS - D1 - P04		Babar Ali	Alkali-promoted iron-based catalysts for efficient and selective CO2 hydrogenation to light olefin: A Combined Mechanistic and DFT insights
CCS - D1 - P05		Mauricio Boscolo	New strategies for catalytic conversion of sugarcane alcohols into valuable chemicals
CCS - D1 - P06		Marianna Angelo Tassioula	Exploring electrically addressable catalysts for CO2 valorization via dynamic catalysis
CCS - D1 - P07		Polyssena Renzi	Radical Cascade Sulfonylation/Cyclization of Benzenimidazole Derivatives with Sulfinates induced by Visible Light
CCS - D1 - P08		Elisabeth Gallmeier	Progress and challenges in electrocatalytic oxidation of nitrogen compounds
CCS - D1 - P09		Gabriela Zanelli	Role of Calcination Temperature of CuZnAl and CuZnGa Catalysts for CO_2 Hydrogenation to Methanol
CCS - D1 - P10		Filippo Ravasio	Catalytic conversion of α-pinene to high value products
CCS - D1 - P11		Riku Saito	From Batch to Flow: Ammonia as a Weak Base for the Synthesis and Functionalization of Au, Pd, and Cu-NHC Complexes
CCS - D1 - P12		Tommaso Ruggiero	Digold photosensitizer for visible light [2+2] cycloaddition and E/Z isomerization reactions
CCS - D1 - P13		Angela Maria Kasza	CO_2 hydrogenation over MOF-derived carbon-modified Copper catalysts
CCS - D1 - P14		Péter Kisszékelyi	Chiral Brønsted acid catalyzed mechanochemical stereoselective Povarov reaction
CCS - D1 - P15		Fuline Musengo Otomboy	Immobilized pincer ligand for cross-coupling reaction in flow
CCS - D1 - P16		Sophie Mansvelders	Potential of tubular continuous flow photoreactors for plasmonic photocatalytic reverse water gas shift process
CCS - D1 - P17		Monica Dan	Tuning the porosity and structure of the oxidic supports to enhance the catalytic efficiency
CCS - D1 - P18		Koen Van Aken	Spatially Controlled Gas Diffusion for Enhanced Mass Transfer in Oscillatory Flow Reactors
CCS - D1 - P19		Maria Mihet	Influence of the MOF-derived carbon-type promoters on CO2 hydrogenation to methanol
CCS - D1 - P20		Birhan Tutal	Synthesis, Characterization, And Aggregation Properties Of Cobalt-Phthalocyanine
CCS - D1 - P21		Tristan Cabanis	Unravelling Surface Mechanism in Isopropanol Dehydration to Propylene: The Impact of Acid-Base Sites Strength and Nature
CCS - D1 - P22		Rebeca Molina Bueno	Nanostructured molybdenum sulphide encapsulated in carbon spheres as stable and efficient electrocatalysts for the hydrogen evolution reaction
CCS - D1 - P23		Lidón Arroyas	Engineering nanostructured molybdenum sulphides for effective photocatalytic H_2 generation
CCS - D1 - P24		Markel Letona	Formic acid dehydrogenation catalysed by nanostructured molybdenum sulphides
CCS - D1 - P25		Jaime Cervera	NixCoy for RWGS: A composition study

Tuesday 14th July 2026
Congress theme:
Catalyzing New Chemistry Solutions
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CODE	Timing	Presenter	Title
CCS - D2 - O01	10:00-10:15	Jr-I Yang	Photocatalytic synthesis of urea by using metal-organic framework-derived Cu/W dual composite catalysts
CCS - D2 - O02	10:15-10:30	Jan Holub	Electro- and photocatalytic ammonia oxidation with RuBda-functionalised carbon materials
CCS - D2 - O03	10:30-10:45	Maria Antonietta Di Stefano	Dioxo-Vanadium(V) ONO Complexes for Aerobic Photocatalytic Cleavage of C=C Bonds
CCS - D2 - O04	10:45-11:00	Onder Metin	Engineering 2D Semiconductor Heterojunctions for Efficient Visible-Light-Driven Photocatalysis toward Sustainable Chemical Conversions
CCS - D2 - O05	11:00-11:15	Andrea Uroz	A versatile family of [IrCp*Cl(N^O)] (photo)catalysts: Unlocking new challenging reactivities
CCS - D2 - O06	11:15-11:30	Ting Yu Chen	Photocatalytic Cu-BTC@Fe-MIL-101-NH_2 Composite for CO2 Capture and Conversion: Advancing Greener Synthesis and Sustainable Resource Recovery
CCS - D2 - O07	11:30-11:45	Kirk Schanze	Electron Transfer Reactivity of Ion-Radical Photocatalysts
CCS - D2 - O08	11:45-12:00	Petr Kovaříček	Light-responsive dynamic covalent systems: out-of-equilibrium states, switching and catalysis
POSTER FLASH	12:00		
CCS - D2 - F01		Maarten Mulier	Nanopatterned chemically modified carbon surfaces for carbohydrate valorization
CCS - D2 - F02		Patrick Lechner	Spin frustration and its role in stability and reactivity of first-row transition metal MOFs
CCS - D2 - F03		Jose Alirio Mendoza Mesa	A Carbon-Free Incipient Wet Impregnation Strategy for Vanadium Catalysts: Stability modulation on Silicalite-1 in Oxidative and Non-Oxidative Propane Dehydrogenation
CCS - D2 - F04		Jean Cedric Madrigalejo	Covalent functionalization of carbon surfaces with phenyl sulfonic acid for nanostructured, bifunctional catalysts in biomass chemical transformations
CCS - D2 - F05		Milda Tomy	Beyond Catalyst Immobilization: Engineering Local Proton Donor Microenvironments for CO_2 Electroreduction
CCS - D2 - F06		Siqi Xie	Regioselective Zr5 Nanocluster Photocatalyst for Precise Protein Editing Under Mild Conditions
CCS - D2 - F07		Leon Schidowski	Theoretical and experimental investigations of acetal formation during the oxidation of xylose to formic acid catalysed by H5PV2Mo10O40 in methanolic-aqueous solution
Lunch			
CCS - D2 - I01	14:00-14:30	**Ive Hermans**	Detangling Complex Catalytic Systems for Sustainable Transformation
CCS - D2 - O09	14:30-14:45	Miguel Rivero-Crespo	Biomimetic MOF-Based Multicatalytic Systems for Green Aerobic Oxidations
CCS - D2 - O10	14:45-15:00	Limor Ben Neon	Toward robust and scalable formulation of Ceramic-Supported Catalysts for Reversible Hydrogen Storage Using LOHCs
CCS - D2 - O11	15:00-15:15	Maxim Lox	Probing nanozymatic activity in metal-organic frameworks via luminescent Linkers
CCS - D2 - O12	15:15-15-30	Xu Jia	Crystal Engineering of Zinc Metal-Organic Frameworks with Intrinsic Dynamicity for Multicomponent Catalysis
CCS - D2 - O13	15:30-15:45	Iván Sorribes	Advancing sustainability via molecular design of nanomaterials
CCS - D2 - O14	15:45-16:00	Wouter Van Hecke	Catalysis-driven routes to bio-based acetate and acrylate esters: integrating bioprocessing and enzyme-enabled chemistry
Coffee break			
CCS - D2 - O15	16:30-16:45	Sophie van Vreeswijk	Pt-based Zeolites as Bifunctional Catalysts for Polyolefins Depolymerisation
CCS - D2 - O16	16:45-17:00	Nelcari Ramirez Marquez	Designing Accessible Zeolitic Materials via Solution-Phase Precipitation
CCS - D2 - O17	17:00-17:15	Claudia Múgica	Tailoring zeolite acidity and surface properties for direct isobutanol-to-SAF conversion
CCS - D2 - O18	17:15-17:30	Iqtidar Ali Khan	Tailoring vanadium-impregnated small-pore zeolite(CHA) catalysts: Effects of synthesis on structure and non-oxidative and CO2-assisted propane dehydrogenation performance
CCS - D2 - O19	17:30-17:45	Clara S. B. Gomes	Sustainable Copper(I) Catalysts for CuAAC: Mechanochemistry, Structure and Mechanism
CCS - D2 - O20	17:45-18:00	Paula García-Fraile Sánchez	Scalable Microwave-Synthesized Fe-MOFs for Cyclic Carbonate Production from CO2
Posters			
CCS - D2 - P01		Çağla Akkol	Photocatalytic Performance of Phthalocyanine-Based Catalysts in the Degradation of Chlorophenols
CCS - D2 - P02		Hui Xu	Triple-Active-Site Synergy in Cu-Doped ZIF-8 Derived Carbons Enabling Highly Efficient Hydrogen Production
CCS - D2 - P03		Ismail Uzunel	TRIAZOLE GROUPS SUBSTITUTED CO(II) AND MN(III) PHTHALOCYANINES COATED C1018 ALLOY SURFACES
CCS - D2 - P04		Ismail Uzunel	Synthesis, Characterization, and Chemometric Optimization of a DLLME Method for Cu^{2+} Determination Using Metal Free Phthalocyanine
CCS - D2 - P05		Igor Djerdj	Photocatalytic CO_2 Reduction under Visible Light Using Ordered and Disordered Ceria–Zirconia-Based Catalysts
CCS - D2 - P07		Dipanjana Sarkar	Redox-Active Ligand-Driven Oxygen Evolution by Molecular Cobalt(III) Catalyst

CCS - D2 - P08	Raphaël Delogne	Cell-in-Series Testing as an Accelerated Tool for Predicting Performance and Component Degradation in Flow Batteries
CCS - D2 - P09	Hamed Pourzolfaghar	From Ion Transport to Electron Storage: Rethinking the Fundamentals of Electrochemical Energy Storage
CCS - D2 - P10	Hsiao-Ching Lin	From Isoprene Units to Bioactive Architectures: Mechanistic Insights into Isoprenoid Biosynthesis
CCS - D2 - P11	Vitaliy Masliy	From furfural to 1,4-pentanediol, exploring an uncommon product of furfural hydrogenation.
CCS - D2 - P12	Anna Lo Presti	Transforming Ionic Cocrystals into Next-Generation Ionic Carbon Nitrides for Solar Fuel Production
CCS - D2 - P13	Umut Kilic	Titanocene-Catalyzed Hydrosilylation of Oxetanes
CCS - D2 - P14	Lennart Hanz	Discovery of new catalysts for the radical arylation reaction by predictor-based cyclic voltammetry (CV) screening
CCS - D2 - P15	Cathal Kelly	Carboxylic Acid-Based Carbon-Carbon Cross-coupling by Radical Decarboxylation's in Continuous Flow
CCS - D2 - P16	Jin Hyung Lee	Electrochemical conversion of kenaf biomass to glucose: Role of Reactive chlorine species on dimensionally stable anodes
CCS - D2 - P17	Vicent S. Safont	Density functional theory exploration of Mo3S4 cluster-catalyzed phenyl acetylene hydrogenation in the presence of acrylonitrile
CCS - D2 - P18	Serhii Tkachenko	Perovskite-type lanthanum cobalt oxide powders synthesized by reactive milling
CCS - D2 - P19	Konstantin Woitol	Dihydroquinazolinones by titanocene catalyzed reductive radical addition to quinazolinones
CCS - D2 - P20	Niklas Schmidt	Cross elecrophile coupling of unstabilzed epoxides by Ni&Ti cooperative catalysis
CCS - D2 - P21	Gabriel Lopes	Conversion of CH4 and CO2 into acetic acid: the potential of montmorillonite as a catalyst
CCS - D2 - P22	Claire Bradley	Copper(II)-based Metal-Organic Materials as Catalysts for the Hydrogen Evolution Reaction
CCS - D2 - P23	Matilde Onofri	Tuning heterogeneous catalysts for the depolymerization of polyurethane waste
CCS - D2 - P24	Jakob Albert	Efficient Catalytic Hydrogenolysis of Glycerol to 1,2-Propanediol Using a Selective Multifunctional Nanotube-Supported Catalyst for developing a SMART Multiphase Reactor
CCS - D2 - P25	Marcela Achimovičová	Alternative mechanochemical route for producing silver powder from silver salts

Wednesday 15th July 2026

Congress theme:
Catalyzing New Chemistry Solutions

Conference room:
Darwin Hall

CODE	Timing	Presenter	Title
CCS - D3 - O01	10:00-10:15	Ganesh Sorabad	One-pot Catalytic Synthesis of Ortho-Carboxyl Biaryls by Catellani Strategy
CCS - D3 - O02	10:15-10:30	Yen-Ku Wu	Direct β-methylation of α-activated cycloalkenones: total synthesis of benastatins B and D
CCS - D3 - O03	10:30-10:45	Belén Lerma-Berlanga	New Strategies for Sustainable Base Catalysis through Metal Cluster Design
CCS - D3 - O04	10:45-11:00	Hariprasad B S	Superior Efficacy of Selenium-Promoted Cobalt Titanate in Dual Catalysis: Bisindole Synthesis and Acetophenone Hydrogenation
CCS - D3 - O05	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
CCS - D3 - O06	11:15-11:30	Paolo Freisa	Beyond mixing: Quad-screw extruder as a chemical reactor for solvent-free organic synthesis
CCS - D3 - O07	11:30-11:45	Jakub Kusz	From support to catalyst: redefining the role of the carbon in thermochemical hydrogenation reactions
CCS - D3 - O08	11:45-12:00	Michele Tomasini	Unlocking Nonalternating Ethylene–CO Copolymerization via Ligand-Controlled Isomerization
POSTER FLASH	12:00		
CCS - D3 - F01		Karol Górecki	Multi-faceted insight into the thermochemical redox behaviour of manganese-oxide-based model catalyst, Na2Mn3O7 – comparative analysis through DFT, operando TEM and XAS
CCS - D3 - F02		Agata Olszewska	Tailoring Al-differentiated HZSM-5 Catalysts: A Solution for Controlled Ethylene Oligomerization and Resistance to Deactivation
CCS - D3 - F03		Andres Mollar Cuni	Phenanthrenequinones (PQs): Swiss army knife in photocatalysis
CCS - D3 - F04		Christophe Vande Velde	Hydrogen bond donating large pore MOFs as catalysts
CCS - D3 - F05		Leon Schidowski	Theoretical and experimental investigations of acetal formation during the oxidation of xylose to formic acid catalysed by H5PV2Mo10O40 in methanolic-aqueous solution
CCS - D3 - F06		Diarmuid O'Hanlon	Enabling Technologies in Flow Chemistry for Data-Rich Reaction Optimisation
CCS - D3 - F07			
Lunch			
CCS - D3 - I01	14:00-14:30	**Nuria Lopez**	The role of Theory in Catalytic processes
CCS - D3 - O9	14:30-14:45	Petra de Jongh	Bimetallic Ni-Cu and Cu-Pd (de)Hydrogenation Catalysts – Composition and Particle Size Effects
CCS - D3 - O10	14:45-15:00	Fernando Alec Vera Barrutia	Structure–reactivity relationships in imidazopyridine complexes of Mo(VI), W(VI) and V(IV) for olefin epoxidation catalysis
CCS - D3 - O11	15:00-15:15	Maximilian Wohlgemuth	Direct Mechanocatalysis via Catalytically Coated Milling Tools
CCS - D3 - O12	15:15-15-30	Richard Buchinger	Bio-electrocatalytic cascade processes for efficient valorization of biomass and plastic waste feedstocks into olefins
CCS - D3 - O13	15:30-15:45	Maël Bressoux	Towards the Direct Reduction of Atmospheric CO2: Copper(I)-Mediated Hydrosilylation of Highly Diluted CO2
CCS - D3 - O14	15:45-16:00	Guillaume Clet	Operando Raman insights into TiO2-supported metal catalysts for CO2 hydrogenation
Coffee break			
CCS - D3 - O15	16:30-16:45	Milla vigliengo	Robust Ink-Formulated Single-Atom Catalyst Electrodes for Anodic and Cathodic Organic Electrosynthesis
CCS - D3 - O16	16:45-17:00	Yu Cao	Hydrogen Regulation at Metal–Support Interfaces for Selective Plastic Hydrogenolysis
CCS - D3 - O17	17:00-17:15	Sihana Ahmedi	Magnetically Induced Iron-Catalyzed Hydrodeoxygenation of Benzylic Esters and Polyesters

CCS - D3 - O18	17:15-17:30	Lars Faber	Reduction of Levulinic Acid to GVL – Catalyst Recycling through membrane nanofiltration
CCS - D3 - O19	17:30-17:45	Dongmin Park	Steric Hindrance of Proton Donor Modulates Heterogeneous Electrochemical Nitrogen Reduction Reaction Selectivity in Non-aqueous Electrolyte
CCS - D3 - O20	17:45-18:00	Lisa De Vriendt	Atomically dispersed Ru on zeolite catalysts for unlocking the potential of the biobased cis,trans-muconic acid

Posters		
CCS - D3 - P01	Tim Jähnichen	Effect of Non-metal Dopants in Self-coupled g-C3N4 Van der Waals Heterojunctions for Efficient Photocatalytic Tetracycline and PFOA Degradation
CCS - D3 - P02	Judit Lloreda Rodes	NiX/Al2O3 catalysts for photocatalytic hydrogen production towards intended industrial application
CCS - D3 - P03	Judit Lloreda Rodes	Heterogeneous catalysts synthesis by electroless deposition for environmental applications
CCS - D3 - P04	Claudiu Bostan	Amino Acids as Organocatalysts for the Electrosynthesis of Pinacols from 4-Fluoroacetophenone
CCS - D3 - P05	Xiang Yu	Quantifying Structural and Dipole–Dipole Coupling Effects in Coverage-Dependent CO Infrared Spectra on Pt
CCS - D3 - P06	Hyosun Lee	Addition Polymerization of Norbornene by Cobalt(II) and Palladium(II) Complexes Ligated by N, N'-Bidentate Iminomethylpyridine Derivatives
CCS - D3 - P07	Eun Yeong Kim	Synthesis and Structural Characterization of Cobalt(II) and Palladium(II) Complexes Bearing N-Substituted Iminomethylpyridine and Aminomethylpyridine Derivative: Application to Ring Opening Polymerization of rac-Lactide
CCS - D3 - P08	Fernando Alec Vera Barrutia	Chiral CN-Palladacycles as Precatalysts for Alkoxycarbonylation of Styrene Derivatives
CCS - D3 - P09	Çağla Akkol	Enhanced Photocatalytic Degradation of Phenols Using g-C_3N_4-Supported Phthalocyanine Catalysts
CCS - D3 - P10	Henrich Kabzan	Preparation of Ferrocene Thioamides and their Mechanochemical C-H Arylation
CCS - D3 - P11	Kevin Bucher	Iron-porphyrin Catalyzed Deaminative Hydrobenzylation of Alkenes using Redox-active Pyridinium Salts
CCS - D3 - P12	Liu Aoyang	Understanding and Tuning the Reduction of Nitro-Compounds in Water at Carbon Surfaces
CCS - D3 - P13	Veselý Martin	Utilization Of 2D Transition-Metal Dichalcogenide Supports For Rhodium-Catalyzed Hydroformylation
CCS - D3 - P14	Radosińska Monika	Atroposelective Access to Oxicam-Inspired Axially Chiral Benzopyrano[1,2]thiazinone S,S-Dioxides via Oxidative NHC Catalysis
CCS - D3 - P15	Ushahemba Mtindian	Comparative Analysis of Fermented Maize Cob- Black Soldier Fly Composite as an Alternative Feed for Fish and Poultry
CCS - D3 - P16	Ashish Kumar Chalana	Synergistically Enhanced Enzyme-Like Activity of FeSe2/rGO Nanohybrid: Kinetic, Mechanism and Molecular Docking Studies
CCS - D3 - P17	Kefless Mwambazi	Green Synthesis of Silver Nanoparticles Using Aloe vera extract and evaluation of antibacterial potential
CCS - D3 - P18	Nicola Schiaroli	A Bottom-Up Catalytic Approach for the Synthesis of Multi-Component SAF Precursors
CCS - D3 - P19	Velma Beri Kimbi Yaah	Novel Bi3O4Br/TiO2NB/glucose hydrochar for photocatalytic degradation of pharmaceuticals
CCS - D3 - P20	Nagendra Kulal	V2O5/CeO2 catalyst for selective oxidative C-N coupling of amines and alcohols into imines
CCS - D3 - P21	Anamika Brahma	A Sustainable MgO@EDTA@Ag Nanocatalyst for Eco-Friendly Xanthene Formation and Efficient Rhodamine B Degradation
CCS - D3 - P22	Sreelakshmi Sreelakshmi	Hydrogenation of furfural to THFA with in situ formed (S)-BINAP stabilized Ni Nanoparticles
CCS - D3 - P23	Erdali Ayse Dilay	From Isolated Rh Single Atom Catalytic Sites to Cooperative Single Atom Ensembles: Tuning Catalytic Pathways in CO2 and Ethanol Interactions
CCS - D3 - P24	Dadashova Narmin	Condensation reactions of 1- and 3-Methylcyclopentane-1,2-diols with Aldehydes in the presence of Gadolinium Polyoxomolybdate Catalysts
CCS - D3 - P25	Smoczyńska Anna	New N-heterocyclic carbene platinum complexes – synthesis, characterisation and catalytic activity.

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

Conference room:
Darwin Hall

CODE	Timing	Presenter	Title
CCS - D4 - O01	10:00-10:15	Evelina Colacino	Mechanochemistry in batch and continuous - A transformative opportunity for sustainable pharmaceutical manufacturing : case studies
CCS - D4 - O02	10:15-10:30	Salar Tavakkol	Understanding Nitrogen-Induced Catalyst Deactivation in Plastic Waste Pyrolysis from Lab to Pilot Scale
CCS - D4 - O03	10:30-10:45	Chun-Cheng Lin	Chemoenzymatic Synthesis of Gangliosdies
CCS - D4 - O04	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
CCS - D4 - O05	11:00-11:15	Theodore Anthony Gazis	Carbon Nitride Photocatalysis for Additive-Free Vicinal Halotrifluoromethylation of Unactivated Alkenes
CCS - D4 - O06	11:15-11:30	Samuel Suárez Pantiga	Direct synthesis of secondary amines and N-based heterocycles from nitrocompounds under molybdenum catalysis
CCS - D4 - O07	11:30-11:45	Maike Mayer	Mechanochemistry: A different Path to Selective Hydrogenation
CCS - D4 - O08	11:45-12:00	Dominik Halter	Opportunities and challenges of in situ & ex situ electro-organic synthesis with H2O at transition metal catalysts
POSTER FLASH	12:00		
CCS - D4 - F01			
CCS - D4 - F02			
CCS - D4 - F03			
CCS - D4 - F04			
Lunch			
CCS - D4 - I01	14:00-14:15	**Regina Palkovits**	Catalyzing the Energy & Resource Transformation
CCS - D4 - O9	14:30-14:45	Shreya Sharma	Selective Chemo-Biocatalytic Hydrogenation of 5-hydroxymethylfurfural
CCS - D4 - O10	14:45-15:00	Maria Teresa Tiberi	Upcycling potentially waste-derived Silicon into novel heterogeneous catalysts
CCS - D4 - O11	15:00-15:15	Zhihong Tian	Precise regulation on the interfacial atomic structures of carbon-based hybrid materials

CCS - D4 - O12	15:15-15:30	Daan van Eck	High-yield methane pyrolysis over hydrotalcite-derived Ni/Al2O3 in a fluidized-bed reactor

Posters		
CCS - D4 - P01	Mekhemer Islam	Acceptor-Engineered 2D-Triphenylene-Based COFs for Enhanced Photocatalytic Hydrogen Production
CCS - D4 - P02	Heinrichs Thomas	Dihydroquinazolinones by Titanocene Catalyzed Reductive Radical Addition to Quinazolinones
CCS - D4 - P03	Anggraini Listya Eka	BC_2N Honeycomb Structures as Electrocatalyst for Hydrogen Evolution Reaction: A DFT Study of Defect Engineering
CCS - D4 - P04	Sukserm Supichcha	Modification of Ni/Al2O3 catalysts by incorporating graphitic carbon quantum dots (CQDs) for selective CO2 hydrogenation to CO
CCS - D4 - P05	Younis Muhammad Naeem	Selective Electrocatalytic Urea Synthesis from Nitrate and CO2 with low overpotential in Water Microdroplets
CCS - D4 - P06	Pranjit Saikia	Green Synthesis of N-Functionalized Aza-Aromatics Using Dillenia indica Fruit Extract as a Bio-Catalytic Medium.
CCS - D4 - P07	Yogendra Kumar	Sustainable synthesis of 2,4,6-trisubstituted pyridines using surface-modified PET@UiO-66 vials
CCS - D4 - P09	Gabrielle Terrochaire	Towards sustainable biosourced solvents: can bisfuran alkylation/hydrogenation reconcile performance and environmental friendliness?
CCS - D4 - P10	Akanksha Choudhary	Metal-Organic Framework-Confined Iron Pincer Complex for Highly Efficient and Selective Borylation of Methane
CCS - D4 - P11	Chhaya Thadhani	Cobalt Catalyzed Selective Monoborylation of Methane
CCS - D4 - P12	Swapnaneel Sarmah	CO2 mediated direct N-formylation of nitro compounds by Metal-Organic Framework node-supported cobalt(II) catalyst
CCS - D4 - P13	Aditya Kumar	Regioselective Oxidative Bromination of Arenes by a Metal-Organic Framework-Confined Mono-Bipyridyl Iron(III) Catalyst
CCS - D4 - P14	Ikrame El Hajji Idrissi	Immobilized CuO@Biochar on cotton fabric as a sustainable Fenton-like catalyst for methylene blue degradation
CCS - D4 - P17	Bharti Rana	Tailored pore-confined single-site iron(III) catalyst for selective CH4 oxidation to CH3OH or CH3CO2H using O2
CCS - D4 - P18	Farhan Arshad	Bubbles Templated Porous CeSe2/Co3Se4 Heterostructures Supported on Ni Foam for CO2-free Selective Methanol Oxidation to Enhance Green Hydrogen Production
CCS - D4 - P19	Francis Bru	N-Heterocyclic carbene-carbon disulfides as reductive mediators in the electrosynthesis of coumarins
CCS - D4 - P20	Roberto Díez	Influence of the anion on the optical and photocatalytic properties of new heteroleptic copper(I) complexes
CCS - D4 - P21	Nicolo Allasia	Green and Light-Driven Ullmann Homocoupling with a Pd Single-Atom Catalyst
CCS - D4 - P22	Sreenidhi M Varma	4,4'-oxybis-benzoic acid-based Pristine MOFs as reusable, heterogeneous catalyst for Hydrogenation Reactions
CCS - D4 - P24	Florian Moreaux	Bridging laboratory catalysis and scalable PEC device: engineering a-MoSx cathode for neutral-pH HER
CCS - D4 - P25	Bastian Schaal	Dehydrogenation of Methanol to Methyl Formate using CuO/CuAl2O4/Al2O3-catalysts