FIRST NAME	SURNAME	Number	COUNTRY	SESSION	TITLE OF PRESENTATION	FORM
Salvatore	**Abate**	**DES-P-001**	Italy	Catalyst design, novel catalytic materials	Biomass-derived Carbon Supported Cu Electrocatalysts for the CO2-ElectroReduction	Poster, Monday, 28.8.
Imran	**Abbas**	**DES-P-112**	Belgium	Catalyst design, novel catalytic materials	Gas-phase Pd and PdZn clusters deposited on ZnO and SiO2 as model catalyst for CO2 hydrogenation to methanol	Poster, Monday, 28.8.
Burcu	**Acar**	**DES-P-188**	Turkey	Catalyst design, novel catalytic materials	Design and Development of CO Methanation Catalysts for a Novel Coal to SNG Production Technology	Poster, Monday, 28.8.
Andrzej	**Adamski**	**DES-P-199**	Poland	Catalyst design, novel catalytic materials	Fly ashes from energy sector as attractive precursors for synthesis of catalytic materials	Poster, Monday, 28.8.
Andrzej	**Adamski**	**CHAR-P-016**	Poland	Catalyst characterization incl. operando methods: experiment and theory	Structural, textural and functional properties of supported Cu- and Zn-containing catalysts for hydrogenation of CO2	Poster, Monday, 28.8.
Paweł	**Adamski**	**CHAR-P-027**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Influence of Precursors Structure on Active Phase Formation of Co-Mo Ammonia Synthesis Catalysts	Poster, Monday, 28.8.
	Aditya	**DES-P-210**	India	Catalyst design, novel catalytic materials	Controlling the Crystallite Size and Polydispersity using Colloidal Silica Stabilizing Agent	Poster, Monday, 28.8.
Jürgen	**Adolphs**	**CHAR-P-038**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Influence of Water Vapor Treatment for NH3-TPD on Solid Acid Catalysts	Poster, Monday, 28.8.
Samy	**Aïssiou**	**DES-P-221**	France	Catalyst design, novel catalytic materials	Surface nickel complexes as models for heterogeneous oligomerization catalysts	Poster, Monday, 28.8.
Hossein	**Akhoundzadeh**	**DES-P-232**	Singapore	Catalyst design, novel catalytic materials	Efficient Catalysts for Methylcyclohexane Dehydrogenation: Atomically Dispersed Fe Decoration of Al2O3 and SiO2 Supported Pt Catalyst	Poster, Monday, 28.8.
Usman	**Ali**	**DES-P-243**	Germany	Catalyst design, novel catalytic materials	Mesoporous Silica Monoliths as Porous Scaffold for Heterogeneous Organocatalysis in Continuous-flow	Poster, Monday, 28.8.
Ayesha	**Alkhoori**	**CO2-P-033**	United Arab Emirates	CO2 valorization	Experimental and theoretical approach on understanding the Ni-supported Pr-doped CeO2/Al2O3 catalysts for CO2 methanation	Poster, Monday, 28.8.
Ayesha	**Alkhoori**	**DES-P-254**	United Arab Emirates	Catalyst design, novel catalytic materials	Innovative 3D Printed Gyroid Ni/Al2O3 Catalyst for Enhanced CO2 Methanation	Poster, Monday, 28.8.
Ahmad	**Alrefaei**	**DES-P-002**	Netherlands	Catalyst design, novel catalytic materials	Effect of support on methanol selectivity in low-temperature CO2 hydrogenation to methanol over iridium-based catalysts	Poster, Monday, 28.8.
Manal	**Alshahrani**	**DES-P-013**	Saudi Arabia	Catalyst design, novel catalytic materials	The catalytic performance of Pd-M/TUD-1 catalysts (where M= Fe, Co, Cu and Ni) in cyclohexene hydrogenation	Poster, Monday, 28.8.
Pedro M	**Alvarez**	**PUR-P-001**	Spain	Catalytic technologies for liquid or solid waste reduction or purification	Insights into the removal of antibiotics from water and wastewater by a laccase-mediator system	Poster, Monday, 28.8.
Matias	**Alvear**	**CHAR-P-049**	Finland	Catalyst characterization incl. operando methods: experiment and theory	Epoxidation of light olefins on titanium silicate catalyst	Poster, Monday, 28.8.
Kazuhiko	**Amakawa**	**CHEM-P-001**	Germany	Bulk chemicals and polymers	Architecture of Industrial Bi-Mo-Co-Fe-K-O Acrolein Catalysts	Poster, Monday, 28.8.
Kwangjin	**An**	**CO2-P-044**	South Korea	CO2 valorization	Catalyst Design of CO2 Hydrogenation and Off-gas Upgrading	Poster, Monday, 28.8.
Giuseppe	**Antinucci**	**DES-P-024**	Italy	Catalyst design, novel catalytic materials	The cluster model for ZN catalysis: Understanding catalyst activation and deactivation pathways	Poster, Monday, 28.8.
Katarzyna	**Antoniak-Jurak**	**DES-P-035**	Poland	Catalyst design, novel catalytic materials	Structural and morphology studies of nanocomposites ZnO-ZnAl2O4 obtained by hydrothermal carbonization and thermal treatment	Poster, Monday, 28.8.
Mariana	**Armbruster**	**REF-P-001**	Germany	Refining and petrochemistry	Unexpected formation of aromatics from ethylene conversion on non-zeolitic Ni catalysts	Poster, Monday, 28.8.
Marc	**Armbrüster**	**INMC-P-001**	Germany	Intermetallic compounds in catalysis	Mars-van-Krevelen Mechanism Revealed for Methanol Steam Reforming over Intermetallic In-Pt/In2O3	Poster, Monday, 28.8.
Saskia	**Arnold**	**DES-P-046**	Germany	Catalyst design, novel catalytic materials	The Impact of Manganese Incorporation on the Activity of Cobalt Spinel Catalysts in Oxygen Evolution Reactions	Poster, Monday, 28.8.
Christine	**Artner-Wallner**	**DES-P-057**	Austria	Catalyst design, novel catalytic materials	Enhanced CO Oxidation Activity on Perovskite Derived Needle-like MnOx/LaMnO3 Catalysts	Poster, Monday, 28.8.
Elisabete M.	**Assaf**	**DES-P-068**	Brazil	Catalyst design, novel catalytic materials	Study of the effect of the La/Ce ratio of fluorite catalysts in the oxidative coupling of methane	Poster, Monday, 28.8.
Nadhrata	**Assani**	**DES-P-079**	Francie	Catalyst design, novel catalytic materials	Concomitant oxidative and reductive transformations from N-Heterocyclic carbene organocatalysis	Poster, Monday, 28.8.
Nadhrata	**Assani**	**DES-P-090**	Francie	Catalyst design, novel catalytic materials	Simultaneous oxidative and reductive transformations by parallel catalysis with N-Heterocyclic Carbenes	Poster, Monday, 28.8.
Sina	**Atakoohi**	**DES-P-101**	Italy	Catalyst design, novel catalytic materials	Carbon vs. conventional supported catalysts for CO2 utilization	Poster, Monday, 28.8.
Arzum Ceren	**Aydogdu**	**DES-P-113**	Turkey	Catalyst design, novel catalytic materials	Non-oxidative Propane Dehydrogenation using Precious Metal-Free Chloride-Treated Metal Oxides	Poster, Monday, 28.8.
Lola	**Azancot**	**CO2-P-055**	Netherlands	CO2 valorization	How can we protect Cu/ZnO/Al2O3 catalysts for oxidation?	Poster, Monday, 28.8.
Timur	**Babii**	**DES-P-124**	Czechia	Catalyst design, novel catalytic materials	Preparation of Ni-Co-Mn mixed oxide coatings on stainless-steel supports by sol-gel method and their activity in oxidation of volatile organic compounds	Poster, Monday, 28.8.
Carmen	**Bacariza**	**CO2-P-066**	Portugal	CO2 valorization	Promoted Ni/Zeolite catalysts for thermal and DBD plasma-assisted CO2 methanation: On the role of the promoter nature	Poster, Monday, 28.8.
Peng	**Bai**	**CO2-P-077**	China	CO2 valorization	Efficient use of oxygen atoms in photocatalytic CO2 reduction	Poster, Monday, 28.8.
Liam	**Bailey**	**DES-P-135**	United Kingdom	Catalyst design, novel catalytic materials	Assessing the catalytic capabilities of Ge-Imogolite nanotubes	Poster, Monday, 28.8.
Atul	**Bansode**	**CHAR-P-060**	Netherlands	Catalyst characterization incl. operando methods: experiment and theory	Elucidating the effects of promoters on rhodium catalysts in the CO2 hydrogenation to alcohols using DRIFTS	Poster, Monday, 28.8.
Jairo	**Barauna**	**CO2-P-088**	Spain	CO2 valorization	Investigating the effect of nickel loading on Ni/CeO2-nanorods for plasma-catalytic CO2 methanation	Poster, Monday, 28.8.
José	**Barbosa**	**DES-P-146**	Portugal	Catalyst design, novel catalytic materials	3D-printed carbon catalysts for oxalic acid ozonation	Poster, Monday, 28.8.
Simon	**Bare**	**CHAR-P-071**	United States	Catalyst characterization incl. operando methods: experiment and theory	Rigorous Oxidation State Assignments for Supported Ga-Containing Catalysts Using Theory-Informed X-Ray Absorption Spectroscopy Signatures from Well-Defined Ga(I) and Ga(III) Compounds	Poster, Monday, 28.8.
Francesco	**Basile**	**DES-P-157**	Italy	Catalyst design, novel catalytic materials	High temperature H2 purification and water splitting performances of Pt deposited over dense asymmetric ceramic membranes	Poster, Monday, 28.8.
Björn Frederik	**Baumgarten**	**CO2-P-099**	Norway	CO2 valorization	Particle size effect for CO2 hydrogenation by In2O3-ZrO2 catalysts	Poster, Monday, 28.8.
Ben	**Bayntun**	**PUR-P-002**	United Kingdom	Catalytic technologies for liquid or solid waste reduction or purification	Utilisation of in situ Generated H2O2 for Greywater Remediation	Poster, Monday, 28.8.
Hassan Said	**Bazzi**	**DES-P-168**	Katar	Catalyst design, novel catalytic materials	Controlled Molecular-Weight Polymerization of Norbornenes Containing Bay-Functional Perylene Diimides	Poster, Monday, 28.8.
Arik	**Beck**	**CHAR-P-082**	Switzerland	Catalyst characterization incl. operando methods: experiment and theory	Dynamics of nanoparticle motion and metal-oxide support in redox-reactive gases	Poster, Monday, 28.8.
Santiago	**Bedoya Castaño**	**DES-P-179**	Chile	Catalyst design, novel catalytic materials	Palladium supported onto organo-functionalized halloysite nanotubes as catalyst for hydrogenation reactions	Poster, Monday, 28.8.
Patricia	**Benito**	**DES-P-185**	Italy	Catalyst design, novel catalytic materials	H2 and carbon production through Fe-catalyzed methane decomposition	Poster, Monday, 28.8.
Ángel	**Berenguer-Murcia**	**CO2-P-110**	Spain	CO2 valorization	Optimizing CuxO-doped TiO2 materials for CO2 photoreduction in a thin film flow reactor	Poster, Monday, 28.8.
Tina	**Bergh**	**CHAR-P-093**	Norway	Catalyst characterization incl. operando methods: experiment and theory	Three-dimensional electron microscopy characterisation of silver before and after oxidation of CO, H2 and CH3OH	Poster, Monday, 28.8.
Fernando	**Bernal Juan**	**DES-P-186**	Netherlands	Catalyst design, novel catalytic materials	Effect of the internal wettability of catalyst supports on gas-production reactions: study of H2O2 decomposition	Poster, Monday, 28.8.
Chiara	**Bersani**	**DES-P-187**	Italy	Catalyst design, novel catalytic materials	Tuning the catalytic activity of supported non-noble metal nanoparticles in oxidation reactions of aliphatic alcohols	Poster, Monday, 28.8.
Janek	**Betting**	**PUR-P-003**	Netherlands	Catalytic technologies for liquid or solid waste reduction or purification	Heterogeneously SnPd-catalysed Nitrate and Nitrite Reduction in Aqueous Solution	Poster, Monday, 28.8.
Aakash	**Bhardwaj**	**CO2-P-002**	India	CO2 valorization	Fabrication of Cu-Zn coated structured foam catalysts for CO2 hydrogenation to methanol in a fixed-bed reactor	Poster, Monday, 28.8.
Tereza	**Bílková**	**CHAR-P-002**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	Copper-nickel deoxygenation catalysts Part I: Reducicbility and surface area	Poster, Monday, 28.8.
Sebastian	**Böcklein**	**CHAR-P-007**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Identifying active centres of the VPO catalyst	Poster, Monday, 28.8.
M.Carmen	**Borrallo-Aniceto**	**DES-P-189**	Spain	Catalyst design, novel catalytic materials	Novel versatile covalent phenyl-BTBT-based triazine extended as metal-free heterogeneous photocatalyst	Poster, Monday, 28.8.
Jonas Abitz	**Boysen**	**CO2-P-013**	Denmark	CO2 valorization	Influence of pre-treatment on the support effect in catalytic methanol synthesis	Poster, Monday, 28.8.
Thai	**Bui**	**CO2-P-024**	Czechia	CO2 valorization	Template-free synthesis of mesoporous amine-bridged organosilicas for CO2 valorization into cyclic carbonates	Poster, Monday, 28.8.
Daria	**Burova**	**DES-P-190**	Belgium	Catalyst design, novel catalytic materials	Ru nanocatalysts for sunlight-powered methanation of CO2: distinguishing between photothermal and non-thermal contributions	Poster, Monday, 28.8.
Aniz	**C Ummer**	**CO2-P-026**	Saudi Arabia	CO2 valorization	Modified Red-Mud based Hydrid Catalyst for CO2 Hydrogenation to Paraffines, Olefins and Aromatics	Poster, Monday, 28.8.
Rudy	**Calligaro**	**CHAR-P-008**	Italy	Catalyst characterization incl. operando methods: experiment and theory	Ball-milled CeO2-CuO catalysts for methane activation: an in-situ DRIFT / operando NEXAFS study	Poster, Monday, 28.8.
Felicia Daniela	**Cannavacciuolo**	**DES-P-191**	Italy	Catalyst design, novel catalytic materials	Pre-defining the surface environment of the Ti species in Mg/Ti Ziegler-Natta catalysts for polypropylene	Poster, Monday, 28.8.
Izar	**Capel Berdiell**	**CHAR-P-009**	Norway	Catalyst characterization incl. operando methods: experiment and theory	Exploring ZSM-5/alumina Shaped Objects with X-ray Diffraction Computed Tomography	Poster, Monday, 28.8.
Josepj	**Cartwright**	**CHEM-P-012**	United Kingdom	Bulk chemicals and polymers	Lowering the operating temperature of Au acetylene hydrochlorination catalysts using oxidised carbon supports	Poster, Monday, 28.8.
Jurjen	**Cazemier**	**DES-P-192**	Saudi Arabia	Catalyst design, novel catalytic materials	Enhanced hydrocinnamaldehyde selectivity through support and geometric effects by encapsulation of platinum in S-1	Poster, Monday, 28.8.
Mduduzi	**Cele**	**CO2-P-027**	South Africa	CO2 valorization	Hydrogenation of carbon dioxide to olefins over Co modified Fe-H-ZSM-5 catalyst	Poster, Monday, 28.8.
Agnieszka	**Ciemięga**	**DES-P-193**	Poland	Catalyst design, novel catalytic materials	ZrO2/NH2-SiO2 bifunctional flow microreactor for deacetalization-Knoevenagel domino process	Poster, Monday, 28.8.
Michael	**Claeys**	**CHAR-P-010**	South Africa	Catalyst characterization incl. operando methods: experiment and theory	Crystallite Size Dependent Oxidation of Ni Catalysts Revealed by in situ Magnetometry	Poster, Monday, 28.8.
Michael	**Claeys**	**CHAR-P-011**	South Africa	Catalyst characterization incl. operando methods: experiment and theory	Support Effects on the Preferential Oxidation of Carbon Monoxide over Co3O4 Nanoparticles Studied In Situ	Poster, Monday, 28.8.
Robin	**Coeck**	**PUR-P-004**	Belgium	Catalytic technologies for liquid or solid waste reduction or purification	Recycling of end-of-life long-chain polyamides via an ammonolytic hydrogenation process	Poster, Monday, 28.8.
Stefano	**Collins**	**CHAR-P-012**	United Kingdom	Catalyst characterization incl. operando methods: experiment and theory	Studies of the structure-transport relationships in gamma alumina catalytic supports using NMR cryodiffusometry	Poster, Monday, 28.8.
Juan Carlos	**Colmenares Quintero**	**CHEM-P-018**	Poland	Bulk chemicals and polymers	Natural-polymers-based nanocomposites prepared through ultrasound-assisted hydrosolvothermal methods: Selective photoredox catalysis	Poster, Monday, 28.8.
Luca	**Consentino**	**CO2-P-028**	Italy	CO2 valorization	Ni-based oxides for dry reforming of methane: Investigation of Catalytic Activity and Regeneration Capacity	Poster, Monday, 28.8.
Vasco António	**Correia Saltão**	**CHAR-P-013**	Italy	Catalyst characterization incl. operando methods: experiment and theory	Investigating the effect of Cu on dealumination in CHA zeolites	Poster, Monday, 28.8.

FIRST NAME	SURNAME	Number	COUNTRY	SESSION	TITLE OF PRESENTATION	FORM
Nicolas	**Cosanne**	**CHAR-P-014**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Operando DRIFTS-MES Study of CO-Oxidation over LaFe(1-x)Co(x)O3 Catalysts	Poster, Monday, 28.8.
Vittoria	**Cosentino**	**REF-P-024**	Italy	Refining and petrochemistry	Turquoise H2 and Carbon production through CH4 Cracking	Poster, Monday, 28.8.
Jennifer	**Cueto**	**PUR-P-005**	Spain	Catalytic technologies for liquid or solid waste reduction or purification	Production of low-chlorine oil through catalytic pyrolysis of solid recovered fuels (SRF) over ZSM-5, Beta and USY zeolites	Poster, Monday, 28.8.
Martin	**d´Halluin**	**DES-P-194**	Belgium	Catalyst design, novel catalytic materials	Simultaneous mesoporization and metal incorporation offers synthetic and catalytic benefits	Poster, Monday, 28.8.
Giulia	**Da Pian**	**DES-P-195**	Italy	Catalyst design, novel catalytic materials	Perovskites and exsolution treatment for catalytic purposes: the Methane Dry Reforming reaction	Poster, Monday, 28.8.
Monica	**Dan**	**CO2-P-030**	Romania	CO2 valorization	CO2 valorization on metal based mesoporous silica	Poster, Monday, 28.8.
Isaac	**Daniel**	**DES-P-196**	United Kingdom	Catalyst design, novel catalytic materials	Activity Enhancement in Au-Pd Bimetallic Systems as a Result of Co-Operation Between Individual Redox Reactions	Poster, Monday, 28.8.
Arantxa	**Davó-Quiñonero**	**CHAR-P-015**	Spain	Catalyst characterization incl. operando methods: experiment and theory	Investigations of the Effect of H2 in CO Oxidation over Ceria Catalysts	Poster, Monday, 28.8.
Andrea	**De Giacinto**	**CHEM-P-019**	Germany	Bulk chemicals and polymers	Effect of catalyst composition and preparation method on the activity and stability of Ni-Pt based catalysts for methane steam reforming	Poster, Monday, 28.8.
Krittanun	**Deekamwong**	**DES-P-197**	Thailand	Catalyst design, novel catalytic materials	Metal-Organic Framework-derived Catalysts for Upgrading of an Acetone-Butanol-Ethanol (ABE) mixture	Poster, Monday, 28.8.
Matthias	**Degelin**	**CHEM-P-020**	Belgium	Bulk chemicals and polymers	Palladium catalyzed double reductive amination of bisphenols towards high value diamines	Poster, Monday, 28.8.
Daria Marcelina	**Dendek**	**DES-P-198**	Poland	Catalyst design, novel catalytic materials	The transesterification process of vegetable oils based on heterogeneous catalysts of rare and alkaline earth metals	Poster, Monday, 28.8.
Julien	**Devos**	**DES-P-200**	Belgium	Catalyst design, novel catalytic materials	Aluminium and Acid Site Evolution during Zeolite Crystallization and Thermal Activation	Poster, Monday, 28.8.
Debkrishna	**Dey**	**DES-P-201**	India	Catalyst design, novel catalytic materials	Mechanistic Insights into the Solid-State Crystallization of High-Density Zeolite	Poster, Monday, 28.8.
Wei	**Di**	**CO2-P-031**	Sweden	CO2 valorization	Effects of zeolite acidity on catalytic performance and coking behavior for CO2 to light olefins using bifunctional composite catalysts	Poster, Monday, 28.8.
Eva	**Díaz**	**REF-P-012**	Spain	Refining and petrochemistry	Naphtalene-rich industrial aromatic oils as alternative liquid hydrogen carriers: hydrogenation studies	Poster, Monday, 28.8.
Simon Yves	**Djoko Tameu**	**DES-P-202**	Germany	Catalyst design, novel catalytic materials	Doped g-C3N4 based photonic crystals enhancing light-driven of catalyzed reactions	Poster, Monday, 28.8.
Dmitry	**Doronkin**	**CHAR-P-017**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Kinetics of hydrogen release in mono- and bimetallic PdX nanoparticles probed by QEXAFS and synchrotron XRD	Poster, Monday, 28.8.
Fabien	**Drault**	**DES-P-203**	Belgium	Catalyst design, novel catalytic materials	Facile synthesis of Au/SiO2 nanostructures: from 1D to 3D nanotube networks using polycarbonate membranes as template	Poster, Monday, 28.8.
Ewa	**Drożdż**	**DES-P-204**	Poland	Catalyst design, novel catalytic materials	The reduction/oxidation potential of nickel, cobalt, and copper oxides derived from various precursors	Poster, Monday, 28.8.
Edgar Stiven	**Duran Uribe**	**DES-P-205**	Spain	Catalyst design, novel catalytic materials	P, O-co-doped carbons as a catalysts in 1-cloro-4-nitrobenzene hydrogenation	Poster, Monday, 28.8.
Angelos	**Efstathiou**	**CO2-P-032**	Cyprus	CO2 valorization	Advancement of design of Ni/Ce0.8Ti0.2O2-δ for the dry reforming of methane using transient and isotopic techniques	Poster, Monday, 28.8.
Thomas	**Eldridge**	**CHAR-P-018**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Operando XAS Study of Pd species during H2-SCR of NOx	Poster, Monday, 28.8.
Abelina	**Ellert**	**DES-P-206**	Germany	Catalyst design, novel catalytic materials	Phosphorus-modification of Pt-catalysts boosts the catalytic performance in cycloalkane dehydrogenation	Poster, Monday, 28.8.
Tim	**Engels**	**PUR-P-006**	Netherlands	Catalytic technologies for liquid or solid waste reduction or purification	Systemic expansion of territorial circular ecosystems for end-of-life foam	Poster, Monday, 28.8.
Lukas Dietmar	**Ernst**	**DES-P-207**	Germany	Catalyst design, novel catalytic materials	Fluorination of novel Cu/ZnO/MgO Methanol Catalysts to improve Productivity and Selectivity	Poster, Monday, 28.8.
Francisco Javier	**Escobar Bedia**	**CHEM-P-021**	Spain	Bulk chemicals and polymers	Active and Regioselective Ru Single-Site Heterogeneous Catalysts for Alpha-Olefin Hydroformylation	Poster, Monday, 28.8.
Carlos	**Escudero**	**CHAR-P-019**	Spain	Catalyst characterization incl. operando methods: experiment and theory	NOTOS beamline at ALBA Synchrotron: new tools for catalyst characterization under operando conditions	Poster, Monday, 28.8.
Sofía	**Essounani Mérida**	**CO2-P-034**	Spain	CO2 valorization	Incorporation of an alkaline-alkaline earth metal in an unsupported bimetallic Ni-containing catalyst for the CO2–SR technology	Poster, Monday, 28.8.
Benjamin	**Fahl**	**CHAR-P-020**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Understanding the Impact of Reaction Conditions on Methanation Catalyst Structure and Performance using in-situ Total Scattering	Poster, Monday, 28.8.
Vajk	**Farkas**	**DES-P-208**	Hungary	Catalyst design, novel catalytic materials	Biodegradable polymer synthesis via acyclic diene metathesis (ADMET) polymerization	Poster, Monday, 28.8.
M Humam Zaim	**Faruqi**	**DES-P-209**	India	Catalyst design, novel catalytic materials	Investigations into modulation of ZSM-5 acidity via modifier-assisted synthesis	Poster, Monday, 28.8.
Corinna	**Fauth**	**CO2-P-035**	Germany	CO2 valorization	Dynamic Interaction of CO2 with a Ru/γ-Al2O3 Catalyst – A Temporal Analysis of Products (TAP) Study	Poster, Monday, 28.8.
Andrea	**Felli**	**DES-P-211**	Italy	Catalyst design, novel catalytic materials	Mechanochemical synthesis of Ru/CeO2 catalysts for COx-free H2 production from ammonia decomposition	Poster, Monday, 28.8.
Janaina	**Fernandes Gomes**	**CO2-P-036**	Brazil	CO2 valorization	Influence of the catalyst activation temperature on the ethanol production in the CO2 hydrogenation over Cu-UiO-67	Poster, Monday, 28.8.
Leidy	**Figueroa Quintero**	**CHAR-P-021**	Spain	Catalyst characterization incl. operando methods: experiment and theory	Synthesis and characterization of mixed metal NH2-MIL-125 based metal-organic frameworks for use as catalysts	Poster, Monday, 28.8.
Valeria	**Finelli**	**CHAR-P-022**	Italy	Catalyst characterization incl. operando methods: experiment and theory	Operando spectroscopic study of Cu-MOFs for direct methane to methanol conversion: a comparison of different Cu ligands	Poster, Monday, 28.8.
Elisabetta	**Finocchio**	**CHAR-P-023**	Italy	Catalyst characterization incl. operando methods: experiment and theory	Nb2O5-P2O5-SiO2 catalysts: a focus on surface acidity.	Poster, Monday, 28.8.
Lucy	**Fisher**	**PUR-P-007**	United Kingdom	Catalytic technologies for liquid or solid waste reduction or purification	The Oxidative Degradation of Phenol via in situ H2O2 Synthesis using Pd-supported Fe-modified ZSM-5 Catalysts	Poster, Monday, 28.8.
Nico	**Fischer**	**DES-P-212**	South Africa	Catalyst design, novel catalytic materials	Empowered catalyst supports	Poster, Monday, 28.8.
Alexandra	**Florou**	**CO2-P-037**	Greece	CO2 valorization	Propylene production via oxidative dehydrogenation of propane with carbon dioxide over composite metal oxides	Poster, Monday, 28.8.
Aaron Luke	**Folkard**	**DES-P-213**	South Africa	Catalyst design, novel catalytic materials	The effect of variation in support porosity for supported catalytically active liquid metal solution catalysts	Poster, Monday, 28.8.
Nicolas	**Fonda**	**DES-P-214**	Italy	Catalyst design, novel catalytic materials	Effect of ball-milling operational parameters on the chemistry and morphology of CeO2 powders	Poster, Monday, 28.8.
Dylan	**Ford**	**DES-P-215**	United Kingdom	Catalyst design, novel catalytic materials	A chemo-enzymatic oxidation cascade to activate C–H bonds with in situ generated H2O2	Poster, Monday, 28.8.
Cátia	**Freitas**	**DES-P-216**	Portugal	Catalyst design, novel catalytic materials	Immobilisation of activated carbons in αAl_2O_3 membranes by click chemistry for advance catalytic oxidation	Poster, Monday, 28.8.
Hannes	**Frey**	**CHAR-P-024**	Switzerland	Catalyst characterization incl. operando methods: experiment and theory	Strong metal support interaction studied with operando electron microscopy	Poster, Monday, 28.8.
Karel	**Frolich**	**CHAR-P-025**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	Lithium/copper/aluminum oxides based on LDH structures: redox and acidobasic properties	Poster, Monday, 28.8.
Francesco	**Frusteri**	**CO2-P-038**	Italy	CO2 valorization	Carbon nanobeads as active components for the production of methanol via CO2 hydrogenation	Poster, Monday, 28.8.
Beatriz	**Fuerte-Diez**	**DES-P-217**	Spain	Catalyst design, novel catalytic materials	Imidazolium-based hypercrosslinked ionic polymer as metal-free catalyst for N-formylation of amines with CO2 and Phenylsilane	Poster, Monday, 28.8.
Ryotaro	**Fujii**	**CO2-P-039**	Japan	CO2 valorization	Continuous Flow Synthesis of 2-Imidazolidinone from Ethylenediamine Carbamate over the CeO2 Catalyst	Poster, Monday, 28.8.
Shoji	**Fukuda**	**DES-P-218**	Japan	Catalyst design, novel catalytic materials	Synthesis and Catalystic Application of Bifunctional Composite Catalysts between Supported Metal Nanoparticles and Polyoxometalates	Poster, Monday, 28.8.
Wojciech	**Gac**	**CO2-P-040**	Poland	CO2 valorization	Iron promoted alumina supported nickel catalysts for hydrogenation of carbon dioxide	Poster, Monday, 28.8.
Niklas	**Gaelings**	**CO2-P-041**	Germany	CO2 valorization	Development of a Tailored Multiphase System for the Ru-catalyzed Synthesis of Cyclic Acetals	Poster, Monday, 28.8.
Eric	**Gaigneaux**	**DES-P-219**	Belgium	Catalyst design, novel catalytic materials	Synthesis of heterogeneous catalysts by gliding arc plasma	Poster, Monday, 28.8.
Detlef	**Gaiser**	**DES-P-220**	Germany	Catalyst design, novel catalytic materials	A highly activating electron-rich phosphasilinane ligand for Pd catalyzed C-X coupling reactions	Poster, Monday, 28.8.
Jaime	**Gallego**	**DES-P-222**	Germany	Catalyst design, novel catalytic materials	Insights of the Ru exsolution from La1Fe0.9Ru0.1O3. Catalysts for propane combustion	Poster, Monday, 28.8.
Yu	**Gao**	**CO2-P-042**	Netherlands	CO2 valorization	Inverse CeOx/CoOy catalysts for CO2 methanation	Poster, Monday, 28.8.
Qi	**Gao**	**CHAR-P-026**	Denmark	Catalyst characterization incl. operando methods: experiment and theory	The distribution and relocation of copper species in Cu-molecular sieves with different topologies: an EPR investigation	Poster, Monday, 28.8.
Alberto	**Garbujo**	**CHAR-P-028**	Switzerland	Catalyst characterization incl. operando methods: experiment and theory	Activity and stability of catalysts deNOx/deN2O Nitric Acid Process	Poster, Monday, 28.8.
Diana	**García Pérez**	**DES-P-223**	Spain	Catalyst design, novel catalytic materials	Metal phosphide nanoparticles for the hydrotreatment of methyl laurate	Poster, Monday, 28.8.
Enrique	**García-Bordejé**	**CO2-P-043**	Spain	CO2 valorization	Isothermal stepwise CO2 capture-methanation using a dual functional material: effect of the temperature and type of alkaline metal	Poster, Monday, 28.8.
Daniel	**Garstenauer**	**INMC-P-002**	Austria	Intermetallic compounds in catalysis	Synthesis of Intermetallic Ni-Zn and Ni-Te Nanoparticles by the Vapour-Solid Synthesis Approach for Heterogeneous Catalysis	Poster, Monday, 28.8.
Ljubiša	**Gavrilović**	**DES-P-224**	Norway	Catalyst design, novel catalytic materials	Nickel alumina-based catalyst for sorption enhanced reforming: Effect of calcination temperature	Poster, Monday, 28.8.
Nina	**Genz**	**DES-P-225**	Netherlands	Catalyst design, novel catalytic materials	Recipe for Highly Dispersed Supported Multi-Metal Catalysts: Towards a Simple, Reliable, Cost-Efficient, and Adaptable Synthesis Protocol	Poster, Monday, 28.8.
Nina	**Genz**	**CHAR-P-029**	Netherlands	Catalyst characterization incl. operando methods: experiment and theory	The Power of Operando Lab-based X-ray Absorption Spectroscopy: Unravelling Synergistic Effects in Bimetallic CO2 Hydrogenation Catalysts	Poster, Monday, 28.8.
Vera	**Giulimondi**	**CHAR-P-030**	Switzerland	Catalyst characterization incl. operando methods: experiment and theory	Unraveling the Catalytic Role of Pt Single-Atom Catalysts in Acetylene Hydrochlorination by Operando X-ray Absorption Spectroscopy	Poster, Monday, 28.8.
Helder	**Gomes**	**PUR-P-008**	Portugal	Catalytic technologies for liquid or solid waste reduction or purification	Wet peroxide oxidation of paracetamol: overview of typical catalysts	Poster, Monday, 28.8.
Elena	**Gómez Bravo**	**CO2-P-045**	Spain	CO2 valorization	Modeling and simulation of a non-isothermal fixed-bed reactor for CO2 methanation and validation with experimental data	Poster, Monday, 28.8.
Christine	**Gonsalves**	**DES-P-226**	Finland	Catalyst design, novel catalytic materials	Nickel acetylacetonate on mesoporous zirconia by atomic layer deposition: Initial results	Poster, Monday, 28.8.
Mária-Pilar	**Gonzáles Marcos**	**DES-P-227**	Spain	Catalyst design, novel catalytic materials	Two-dimensional (2D) cyanide-bridged heterobimetallic complexes as catalysts for CO2/propylene oxide copolymerization	Poster, Monday, 28.8.
Santiago	**Gonzalez**	**CO2-P-046**	Germany	CO2 valorization	Boosting the catalyst stability and activity of Ni/MgO-Al2O3 with different complexing agents for dry reforming of methane	Poster, Monday, 28.8.
Dydia	**González Díaz**	**PUR-P-009**	Spain	Catalytic technologies for liquid or solid waste reduction or purification	Influence of bicarbonate, other anions and carbon dioxide in the activity of Pd-Cu catalysts for nitrate reduction in drinking water	Poster, Monday, 28.8.
Kinga	**Góra-Marek**	**CHAR-P-031**	Poland	Catalyst characterization incl. operando methods: experiment and theory	Methane oxidation to methanol by operando UV-vis-IR spectroscopy. The role of type, location and number of Fe sites in mordenite.	Poster, Monday, 28.8.
Kinga	**Góra-Marek**	**CHAR-P-032**	Poland	Catalyst characterization incl. operando methods: experiment and theory	Tracking Transformation of Reagents in Zeolites: 2D COS Rapid Scan IR and UV-vis Spectroscopic Approach	Poster, Monday, 28.8.
Sylwia	**Górecka**	**CHAR-P-033**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	Surface science behind CuO catalytic efficiency	Poster, Monday, 28.8.
Sofia	**Gorito Santos**	**PUR-P-010**	Portugal	Catalytic technologies for liquid or solid waste reduction or purification	Continuous catalytic integrated treatment for organic and inorganic species abatement	Poster, Monday, 28.8.
Maria	**Goula**	**DES-P-228**	Greece	Catalyst design, novel catalytic materials	Single-atom catalysts: Recent developments for the CO2 and CO hydrogenation reaction	Poster, Monday, 28.8.
Nilenindran	**Govender**	**CHEM-P-022**	Saudi Arabia	Bulk chemicals and polymers	Methyl Acetate production over cation exchange resin catalysts	Poster, Monday, 28.8.
Manon	**Gregoire**	**CO2-P-047**	France	CO2 valorization	Effect of nickel nanoparticle size over silica based catalysts for methanation reaction	Poster, Monday, 28.8.
Magdalena	**Greluk**	**DES-P-229**	Poland	Catalyst design, novel catalytic materials	Studies on potassium-promoted cobalt catalysts for ethanol steam reforming	Poster, Monday, 28.8.
Silvia	**Gross**	**DES-P-230**	Italy	Catalyst design, novel catalytic materials	Pd-Pt nanoparticles supported on CeO2 nanorods and nanocubes for emission control	Poster, Monday, 28.8.
Christoph	**Gross**	**REF-P-016**	Germany	Refining and petrochemistry	High Pressure Ring Opening using supported NiWMo catalysts	Poster, Monday, 28.8.
Michelangelo	**Gruttadauria**	**CO2-P-048**	Italy	CO2 valorization	Recyclable hybrid catalytic systems for the synthesis of cyclic carbonates	Poster, Monday, 28.8.

FIRST NAME	SURNAME	Number	COUNTRY	SESSION	TITLE OF PRESENTATION	FORM
Gabriela	**Grzybek**	**CHAR-P-034**	Poland	Catalyst characterization incl. operando methods: experiment and theory	Cobalt-containing high-silica ZSM-5 catalysts as efficient catalysts for ethanol steam reforming process: Operando UV-Vis and FT-IR spectroscopy investigation	Poster, Monday, 28.8.
Antonio	**Guerrero-Ruiz**	**DES-P-265**	Spain	Catalyst design, novel catalytic materials	Mechanochemical generation of acid surface sites at the interface TiO2/graphite: application for the dehydration of formic acid	Poster, Monday, 28.8.
Adisak	**Guntida**	**PUR-P-011**	France	Catalytic technologies for liquid or solid waste reduction or purification	Development of one-pot synthesized Ti-SBA-15 catalyst for oxidative desulfurization in advanced biodiesel upgrading	Poster, Monday, 28.8.
Silvia	**Gutiérrez Tarriño**	**CHEM-P-023**	Spain	Bulk chemicals and polymers	Sustainable synthesis of silicon precursors coupled with hydrogen delivery based on circular economy via cobalt-based catalyst	Poster, Monday, 28.8.
Sašo	**Gyergyek**	**DES-P-231**	Slovenia	Catalyst design, novel catalytic materials	Influence of deposition method on activity of Ru@magnetic C catalysts on hydrogenation of hydroxymethyl furfural to 2,5-Bis(hydroxymethyl)furan	Poster, Monday, 28.8.
Simon	**Haida**	**CHAR-P-035**	Germany	Catalyst characterization incl. operando methods: experiment and theory	On the Role of Nickel in Doped MoO3 Based HDO Catalysts	Poster, Monday, 28.8.
Manar	**Halabi**	**DES-P-233**	Israel	Catalyst design, novel catalytic materials	Evaluating the effect of fiberous ZrO2 support the catalytic performance of a hieriachical Ni catalyst in DRM	Poster, Monday, 28.8.
Filip	**Hallböök**	**CHAR-P-036**	Sweden	Catalyst characterization incl. operando methods: experiment and theory	Characterization of NiMo catalysts with noble metal promoters	Poster, Monday, 28.8.
Kyeongwon	**Han**	**DES-P-234**	South Korea	Catalyst design, novel catalytic materials	B-site Ni doping in double perovskite enhancing electrochemcial catalytic properties	Poster, Monday, 28.8.
Lei	**Han**	**DES-P-235**	China	Catalyst design, novel catalytic materials	Hierarchical Hollow Al-Rich Nano ZSM-5 Crystals for Highly Selective Production of Light Olefins from Naphthene	Poster, Monday, 28.8.
Akira	**Hasegawa**	**DES-P-236**	Japan	Catalyst design, novel catalytic materials	Effects of Silica and Barium Oxide Addition to Alumina Carriers for Steam Reforming	Poster, Monday, 28.8.
Johannes	**Häusler**	**DES-P-237**	Germany	Catalyst design, novel catalytic materials	Carbon Neutral Iso-Butanol – Development of Heterogeneous High-Performance Catalysts Based on Dilute Alloys	Poster, Monday, 28.8.
Jord	**Haven**	**CHEM-P-024**	Netherlands	Bulk chemicals and polymers	Utilizing Water-Catalyst Interactions to Stabilize the Transition State During Alkane Dehydrogenation	Poster, Monday, 28.8.
Johanna	**Henkel**	**DES-P-238**	Germany	Catalyst design, novel catalytic materials	Non-Symmetrical Triphos Derivatives and their Application in Ruthenium Catalyzed Hydrogenation Reactions	Poster, Monday, 28.8.
Javier	**Herguido**	**CO2-P-049**	Spain	CO2 valorization	Biogas upgrading through enhanced CO2 methanation in fluidized bed	Poster, Monday, 28.8.
Lucía	**Herráez Santos**	**CO2-P-050**	Spain	CO2 valorization	Catalyst supports based on ceria-praseodymia as oxygen carriers for applications in methane reforming reactions.	Poster, Monday, 28.8.
Elisabeth	**Herzinger**	**DES-P-239**	Germany	Catalyst design, novel catalytic materials	Influence of Support on the Dehydrogenation of Perhydro Benzyltoluene with Platinum-based Catalysts	Poster, Monday, 28.8.
Franziska	**Hess**	**CHAR-P-037**	Germany	Catalyst characterization incl. operando methods: experiment and theory	The search for a new Deacon catalyst: modeling catalyst stability across the periodic table	Poster, Monday, 28.8.
Elisabeth Hannah	**Hetaba-Wolf**	**CHAR-P-039**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Passivation and transfer of metal containing catalysts for ex situ characterisation	Poster, Monday, 28.8.
Luke	**Higgins**	**CHAR-P-040**	United Kingdom	Catalyst characterization incl. operando methods: experiment and theory	Operando XAFS/XES studies on Fe-containing zeolites to identify active sites for catalytic fast pyrolysis to fuels and chemicals	Poster, Monday, 28.8.
Felix	**Hilfinger**	**CHAR-P-041**	Germany	Catalyst characterization incl. operando methods: experiment and theory	In-Situ Deactivation Measurements on bifunctional catayst for One-Step DME synthesis	Poster, Monday, 28.8.
Hoang Phuoc	**Ho**	**DES-P-240**	Sweden	Catalyst design, novel catalytic materials	Are zeolites promising supports for diesel oxidation catalysts?	Poster, Monday, 28.8.
Markus	**Hölscher**	**DES-P-241**	Germany	Catalyst design, novel catalytic materials	Pd-Catalyzed direct C-H Carboxylation of Arenes with Carbon Dioxide	Poster, Monday, 28.8.
Raimund	**Horn**	**CHAR-P-042**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Isopotential Operando Spectroscopy – A New Concept for Operando Studies of Catalysts in Catalytic Reactors	Poster, Monday, 28.8.
Anita	**Horváth**	**CHAR-P-043**	Hungary	Catalyst characterization incl. operando methods: experiment and theory	Methane Pyrolysis on NiMo/MgO: Details of the Synergetic Effect	Poster, Monday, 28.8.
Margot	**Houbrechts**	**CHEM-P-002**	Belgium	Bulk chemicals and polymers	Improved heterogeneous Brønsted acid catalysts for cyclic acetal synthesis	Poster, Monday, 28.8.
Zonggao	**Hu**	**CO2-P-051**	United Kingdom	CO2 valorization	UiO-66 supported Cu catalysts for CO2 hydrogenation to methanol	Poster, Monday, 28.8.
Bletë	**Hulaj**	**CO2-P-052**	Austria	CO2 valorization	Investigating the influence of ionic liquids on the visible-light induced photoelectrochemical reduction of CO2	Poster, Monday, 28.8.
Gjani	**Hulaj**	**PUR-P-012**	Belgium	Catalytic technologies for liquid or solid waste reduction or purification	Full Catalytic Dehalogenation of Brominated Flame Retardants	Poster, Monday, 28.8.
Christian	**Hulteberg**	**CHEM-P-003**	Sweden	Bulk chemicals and polymers	Room Temperature Plasma-Based Ammonia Synthesis – Designing an Optimal Adsorbent	Poster, Monday, 28.8.
Aseel	**Hussien**	**CO2-P-053**	United Arab Emirates	CO2 valorization	Ni composite catalysts on CeLaCuO/SBA-15 support towards dry reforming of methane (DRM)	Poster, Monday, 28.8.
Aseel	**Hussien**	**CO2-P-054**	United Arab Emirates	CO2 valorization	Ni-Co bimetallic catalysts for dry reforming of methane: experimental and theoretical approach	Poster, Monday, 28.8.
Will	**Chartier**	**DES-P-242**	United Kingdom	Catalyst design, novel catalytic materials	Synthesis of graphene supported efficient nano-catalysts for biomass applications	Poster, Monday, 28.8.
Zongkun	**Chen**	**DES-P-244**	Germany	Catalyst design, novel catalytic materials	Ammonia decomposition over transition-metal/carbon catalyst for on-site generation of hydrogen	Poster, Monday, 28.8.
Lunhan	**Chen**	**PUR-P-013**	Germany	Catalytic technologies for liquid or solid waste reduction or purification	Plastic Waste Recycling via Zeolite-based Hydrocracking	Poster, Monday, 28.8.
Haritha	**Cheraparambil**	**CHAR-P-044**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Probing the effect of electrolyte impurities on perovskite-based catalysts for electrochemical evolution of oxygen via in-situ Raman spectroscopy	Poster, Monday, 28.8.
Martim	**Chiquetto Policano**	**DES-P-245**	Netherlands	Catalyst design, novel catalytic materials	Activity and stability of the catalytic oxidation of methane with Pd/CeO2 nanorods, nanocubes, and octahedra	Poster, Monday, 28.8.
Maria-Iuliana	**Chirica**	**DES-P-246**	Romania	Catalyst design, novel catalytic materials	Selective oxidation reaction using MAX phases as heterogeneous catalysts	Poster, Monday, 28.8.
JeongHyun	**Cho**	**DES-P-247**	South Korea	Catalyst design, novel catalytic materials	Formation of oxygen vacancies and their role in LaCoO3 perovskite catalysts for CO oxidation	Poster, Monday, 28.8.
Ha-Kyung	**Choi**	**CHEM-P-004**	South Korea	Bulk chemicals and polymers	Hydrothermal Synthesis of Double Metal Cyanide Catalysts for Polyether and Polycarbonate Polyols Production	Poster, Monday, 28.8.
Andoni	**Choya**	**CO2-P-056**	Spain	CO2 valorization	Stability promotion of Ni foam catalysts for dry reforming of methane	Poster, Monday, 28.8.
Vorakit	**Chudatemiya**	**DES-P-248**	Japan	Catalyst design, novel catalytic materials	Highly selective CO2 fixation reaction over single-Ta-substituted Lindqvist-type hexaniobate cluster as base catalyst	Poster, Monday, 28.8.
Vishal	**Chugh**	**DES-P-249**	Germany	Catalyst design, novel catalytic materials	Development of Adaptive Catalytical Systems for Hydrogenation Reactions	Poster, Monday, 28.8.
Young-Min	**Chung**	**REF-P-017**	South Korea	Refining and petrochemistry	Ligand-free Cr-catalyzed ethylene dimerization in an ionic liquid-organic solvent biphasic system with 100% 1-butene selectivity	Poster, Monday, 28.8.
Dimitra	**Iltsiou**	**CO2-P-057**	Denmark	CO2 valorization	Direct Alcohol Synthesis Over Cu-zeolite Catalysts	Poster, Monday, 28.8.
Sayu	**Imai**	**DES-P-250**	Japan	Catalyst design, novel catalytic materials	Photocatalytic oxidation of aromatic alcohols to aromatic ketones over non-toxic dye-sensitized photocatalysts	Poster, Monday, 28.8.
Kaoru	**Imoto**	**DES-P-251**	Japan	Catalyst design, novel catalytic materials	Cooperative Catalysis between Au Nanoparticles and Metal Oxides for Rapid C–B Bond Formation	Poster, Monday, 28.8.
Amer	**Inayat**	**PUR-P-014**	Czechia	Catalytic technologies for liquid or solid waste reduction or purification	Three-stage pyrolysis-catalysis of polyolefins over MFI and Ni-MFI catalysts for BTEX and syngas production	Poster, Monday, 28.8.
Donald	**Inns**	**PUR-P-015**	United Kingdom	Catalytic technologies for liquid or solid waste reduction or purification	Enhanced Production and Control of Liquid Alkanes in the Hydrogenolysis of Polypropylene over Shaped Ru/CeO2 Catalysts	Poster, Monday, 28.8.
Tamao	**Ishida**	**DES-P-252**	Japan	Catalyst design, novel catalytic materials	Decoration of Au/SiO2 by Thin Metal Oxide Layer Derived from Layered Double Hydroxides	Poster, Monday, 28.8.
Satoshi	**Ishikawa**	**DES-P-253**	Japan	Catalyst design, novel catalytic materials	Acid Catalysis over Crystalline Zr3SO9: Role of the Local Structure in Generating Acidity	Poster, Monday, 28.8.
Ewa	**Iwanek**	**CHAR-P-045**	Poland	Catalyst characterization incl. operando methods: experiment and theory	Influence of Support Composition and Potassium Ion Doping on the Properties of Cerium-doped Zirconia Supported Silver Catalysts	Poster, Monday, 28.8.
Anusha	**Jain**	**DES-P-255**	India	Catalyst design, novel catalytic materials	Understanding Titania Crystallization to Generate Engineered Anatase Particle Architecture	Poster, Monday, 28.8.
Ross	**Jansen-van Vuuren**	**DES-P-256**	Slovenia	Catalyst design, novel catalytic materials	Polypropylene imine (PPI) dendrimers as promising matrices for the immobilization of catalysts for hydrogen isotope exchange reactions	Poster, Monday, 28.8.
Yukwon	**Jeon**	**DES-P-257**	South Korea	Catalyst design, novel catalytic materials	Emergence of active and stable platinum nanoparticles from titanate perovskites for catalytic applications	Poster, Monday, 28.8.
Cheonwoo	**Jeong**	**CHEM-P-005**	South Korea	Bulk chemicals and polymers	Study of WGS catalyst and CO2 separation for H2 production	Poster, Monday, 28.8.
Seorin	**Ji**	**DES-P-258**	South Korea	Catalyst design, novel catalytic materials	SiO2@Ni@ZrO2 core-shell catalyst for combined steam and dry reforming of methane	Poster, Monday, 28.8.
Weijie	**Ji**	**DES-P-259**	China	Catalyst design, novel catalytic materials	Atomic-Layer-Deposition Derived Pt sub-nano Clusters on the (110) Facet of Hexagonal Al2O3 Plates: Efficient for Formic Acid Decomposition and Water Gas Shift	Poster, Monday, 28.8.
Yihao	**Jiang**	**DES-P-260**	Japan	Catalyst design, novel catalytic materials	Novel Oxyhydride Electride Activating Co Catalyst for Ammonia Synthesis	Poster, Monday, 28.8.
Květa	**Jirátová**	**DES-P-261**	Czechia	Catalyst design, novel catalytic materials	Plasma jet sputtering as a perspective tool for preparation of Co-Cu-Mn oxides: effect of preparation conditions on properties and oxidation activity	Poster, Monday, 28.8.
Hana	**Jirglová**	**CHAR-P-046**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	Splitting of molecular oxygen for catalytic application	Poster, Monday, 28.8.
Yeongin	**Jo**	**DES-P-262**	South Korea	Catalyst design, novel catalytic materials	Mesoporous Pt–MnOx–Al2O3 catalyst for dehydrogenation of perhydro benzyltoluene: Highly dispersed Pt–MnOx clusters for activity boosting	Poster, Monday, 28.8.
Kairat	**Kadirbekov**	**REF-P-018**	Kazakhstan	Refining and petrochemistry	SYNTHESIS OF A HIGH-OCTANE GASOLINE ADDITIVE ON CATALYTICALLY "INTELLIGENT SYSTEMS"	Poster, Monday, 28.8.
Marzhan	**Kalmakhanova**	**PUR-P-016**	Kazakhstan	Catalytic technologies for liquid or solid waste reduction or purification	Magnetic MnFe2O4/PILCs for removal of methylene blue by catalytic wet peroxide oxidation	Poster, Monday, 28.8.
Bram	**Kappé**	**CO2-P-058**	Netherlands	CO2 valorization	Tuning the size of Ni nanoparticles to study structure sensitivity in CO2 hydrogenation	Poster, Monday, 28.8.
Isabella	**Kappel**	**CHAR-P-047**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Structural characterization of molecular organic frameworks and single atom catalysts for heterogeneous catalysis	Poster, Monday, 28.8.
Stamatia	**Karakoulia**	**PUR-P-017**	Greece	Catalytic technologies for liquid or solid waste reduction or purification	Systematic screening of conventional and hierarchical zeolites for the catalytic conversion of end-of-life tyre pyrolysis vapours to aromatics	Poster, Monday, 28.8.
Alejandro	**Karelovic**	**CO2-P-059**	Chile	CO2 valorization	The variation of the Zn content on Cu/SiO2 generates different active sites for the CO2 hydrogenation to methanol	Poster, Monday, 28.8.
Alejandro	**Karelovic**	**CHEM-P-006**	Chile	Bulk chemicals and polymers	Effect of the vanadia structure on the kinetics of methanol oxidative dehydrogenation	Poster, Monday, 28.8.
Joakim	**Kattelus**	**DES-P-263**	Finland	Catalyst design, novel catalytic materials	Preparation and characterization of promoted supported MoS2 catalysts for hydrodenitrogenation	Poster, Monday, 28.8.
Dalibor	**Kaucký**	**DES-P-264**	Czechia	Catalyst design, novel catalytic materials	Selective Hydrogenation of Acetylene in Excess of Ethylene over Pd nanoclusters in 3D graphene-like carbon catalysts	Poster, Monday, 28.8.
Sebastian	**Kaul**	**DES-P-003**	Germany	Catalyst design, novel catalytic materials	Renewable Glycol Production from Glucose Using Novel Ni/WOx LDH Based Catalysts	Poster, Monday, 28.8.
Søren	**Kegnæs**	**DES-P-004**	Denmark	Catalyst design, novel catalytic materials	Selective Catalysis using Metal Nanoparticles Confined in Porous Materials	Poster, Monday, 28.8.
Ibrahim	**Khalil**	**CO2-P-060**	Belgium	CO2 valorization	Mixed metal oxide and zeolite catalysts for carbon dioxide conversion to olefins: A small pore zeolite exploration	Poster, Monday, 28.8.
Rachit	**Khare**	**CHAR-P-048**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Effects of Hydrothermal Ageing on the Dynamic Nature of Active Sites in Cu-exchanged Small Pore Zeolites during NH3-SCR	Poster, Monday, 28.8.
Soichi	**Kikkawa**	**DES-P-006**	Japan	Catalyst design, novel catalytic materials	Superior hydrogenation activity of delafossite-type CuAlO2 catalyst	Poster, Monday, 28.8.
Masashi	**Kikugawa**	**DES-P-007**	Japan	Catalyst design, novel catalytic materials	Development of Si-doped Ru/CeLaOx catalyst for the demonstration of ammonia synthesis	Poster, Monday, 28.8.
Byeong Gi	**Kim**	**CO2-P-061**	South Korea	CO2 valorization	MOF-derived Fe-Co bimetal catalysts for CO2 hydrogenation to hydrocarbons	Poster, Monday, 28.8.
Harin	**Kim**	**CO2-P-062**	South Korea	CO2 valorization	Effect of carbonate content on the rheological properties of poly(propylene carbonate) polyols	Poster, Monday, 28.8.
Jaehoon	**Kim**	**CO2-P-063**	South Korea	CO2 valorization	Assessing the influence of high pressure on the electrochemical reduction of CO2 using atomic-scale spacing over SnOx nanoparticles	Poster, Monday, 28.8.
Dongun	**Kim**	**DES-P-008**	South Korea	Catalyst design, novel catalytic materials	Hydrogenation of aromatic LOHC compound over Ru/CeO2 catalysts with dual functions of heterolytic H2 adsorption and H2 spillover	Poster, Monday, 28.8.
Heesu	**Kim**	**DES-P-009**	South Korea	Catalyst design, novel catalytic materials	Impact of the Designed Noble-Transition Bimetallic Nanoparticles on Dry Reforming of Methane	Poster, Monday, 28.8.
Hyungjin	**Kim**	**DES-P-010**	South Korea	Catalyst design, novel catalytic materials	Biodiesel production using Heteropoly acid and Metal-organic framework Heterogeneous Acid catalyst	Poster, Monday, 28.8.

FIRST NAME	SURNAME	Number	COUNTRY	SESSION	TITLE OF PRESENTATION	FORM
Kwang Young	**Kim**	**DES-P-011**	South Korea	Catalyst design, novel catalytic materials	Highly Selective and Stable Zn promoted precipitated Iron Catalysts for the Production of Linear alpha olefin Via Fischer-Tropsch Synthesis	Poster, Monday, 28.8.
Ye Eun	**Kim**	**DES-P-014**	South Korea	Catalyst design, novel catalytic materials	Effect of Alkyl Chain Length on the Structures of Dendritic Silica Supported Palladium Catalysts for Hydrogenation of Furfural	Poster, Monday, 28.8.
You-Na	**Kim**	**REF-P-023**	South Korea	Refining and petrochemistry	Light olefins production with high and flexible selectivity by catalysis integrated electrified process	Poster, Monday, 28.8.
Masaaki	**Kitano**	**DES-P-015**	Japan	Catalyst design, novel catalytic materials	Ba-Si Oxynitride-Hydride as a Transition Metal-Free Catalyst for Ammonia Synthesis	Poster, Monday, 28.8.
Asena	**Kızıl**	**CO2-P-064**	Turkey	CO2 valorization	Effect of La2O3 and CeO2 Promotion on CO2 Conversion to Methane Using Mesoporous ZSM-5, US-Y and BEA Supported Ni-Catalysts	Poster, Monday, 28.8.
Matthias	**Kleine-Boymann**	**CHAR-P-050**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Catalyst materials characterization by Time-of-Flight Secondary Ion Mass Spectrometry (ToF-SIMS)	Poster, Monday, 28.8.
Kateřina	**Knotková**	**CHAR-P-051**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	Catalytic behaviour of boron based materials in propane ODH	Poster, Monday, 28.8.
Martina	**Kocijan**	**PUR-P-018**	Croatia	Catalytic technologies for liquid or solid waste reduction or purification	Decomposition of an azo dye by an advanced oxidation process using innovative surface-functionalised PAN fibre catalyst	Poster, Monday, 28.8.
Christian	**Koch**	**DES-P-016**	Germany	Catalyst design, novel catalytic materials	Plasma-Supported Catalytic Synthesis of Light Hydrocarbons	Poster, Monday, 28.8.
Ilia	**Kochetygov**	**CHAR-P-052**	Switzerland	Catalyst characterization incl. operando methods: experiment and theory	Understanding the mechanism of preparative green MOF-74 syntheses using operando ATR-IR spectroscopy	Poster, Monday, 28.8.
Vasiliki	**Koidi**	**CO2-P-065**	Greece	CO2 valorization	One step CO2-to-Dimethyl Ether Conversion over Bi-functional 3D-printed ZSM-5-based Catalysts	Poster, Monday, 28.8.
Eswaravara Prasad	**Komarala**	**DES-P-017**	United Arab Emirates	Catalyst design, novel catalytic materials	Metal Organic Frameworks Derived Tunable Supported Nickel Catalysts for Methane Dry Reforming	Poster, Monday, 28.8.
Lingdi	**Kong**	**CHAR-P-053**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Genesis of Cuprous Acetylide Cu2C2 as Active Species for Reppe Ethynylation of Formaldehyde	Poster, Monday, 28.8.
Nebojša	**Korica**	**REF-P-019**	Belgium	Refining and petrochemistry	Aromatic admixture effect on alkane hydrocracking over Pt/HUSY	Poster, Monday, 28.8.
Agnieszka	**Kornas**	**CHAR-P-054**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	The functionality of binuclear centres in CHA in the dissociation of molecular oxygen	Poster, Monday, 28.8.
Nikola	**Kostková**	**DES-P-018**	Czechia	Catalyst design, novel catalytic materials	Metal nanoparticles on 3D graphene-like nitrogen-doped zeolite-templated carbon for hydrogenation reactions	Poster, Monday, 28.8.
Andrii	**Kostyniuk**	**PUR-P-019**	Slovenia	Catalytic technologies for liquid or solid waste reduction or purification	Direct Conversion of Glycerol into Glycidol in a Gas-Phase Packed-Bed Reactor over Caesium-Treated ZSM-5 Catalysts	Poster, Monday, 28.8.
Kalliopi	**Kousi**	**DES-P-019**	United Kingdom	Catalyst design, novel catalytic materials	Engineering Exsolved Catalysts for CO2 Utilization	Poster, Monday, 28.8.
Emil	**Kowalewski**	**CO2-P-067**	Denmark	CO2 valorization	Supported catalysts for the Reverse Water-Gas Shift reaction	Poster, Monday, 28.8.
Elizaveta	**Kozyr**	**CHAR-P-055**	Italy	Catalyst characterization incl. operando methods: experiment and theory	The role of metal-support interactions in shape-controlled TiO2 systems for photocatalytic hydrogen evolution	Poster, Monday, 28.8.
Elka	**Kraleva**	**CO2-P-068**	Germany	CO2 valorization	Fe-Zr catalysts for direct synthesis of light olefins via CO2 hydrogenation	Poster, Monday, 28.8.
Praveen	**Kumar**	**CO2-P-070**	Slovenia	CO2 valorization	Catalytic conversion of CO2 to DMC using CeO2-based catalysts: Optimization study and artificial neural network modelling	Poster, Monday, 28.8.
Narendra	**Kumar**	**DES-P-020**	Finland	Catalyst design, novel catalytic materials	Pt-, Ru- modified H-Beta, H-Y zeolites and H-MCM-41 mesoporous material extrudate catalysts for synthesis of menthol from citronellal: Influence of structures, acid sites Pt- and Ru- metal nanoparticles size distributions	Poster, Monday, 28.8.
Anastasia	**Kurbanova**	**DES-P-021**	Czechia	Catalyst design, novel catalytic materials	CuFe@zeolite catalysts selectively hydrogenate C≡C triple to C=C double bond	Poster, Monday, 28.8.
Piotr	**Kuśtrowski**	**DES-P-022**	Poland	Catalyst design, novel catalytic materials	Catalytic combustion of volatile organic compounds over transition metal oxides deposited on zeolite-decorated ceramic monoliths	Poster, Monday, 28.8.
Krista	**Kuutti**	**CO2-P-071**	Finland	CO2 valorization	Epoxidation of CO2-based light olefins as a key step to fossil-free polycarbonate polyols	Poster, Monday, 28.8.
Eleni A.	**Kyriakidou**	**CHAR-P-056**	United States	Catalyst characterization incl. operando methods: experiment and theory	Effect of H2O Pre-exposure on CH4 Oxidation and Passive NOx Adsorption Performance over Pd/zeolite Catalysts	Poster, Monday, 28.8.
Valeria	**La Parola**	**PUR-P-020**	Italy	Catalytic technologies for liquid or solid waste reduction or purification	Rare-earth metal oxides nano-dispersed onto ligno-humic-like support derived from sewage sludge for waste wates treatment	Poster, Monday, 28.8.
Agnieszka	**Lacz**	**DES-P-023**	Poland	Catalyst design, novel catalytic materials	Fe-modified SrTiO3 and Mn-modified SrTiO3 as materials for environmental catalysis	Poster, Monday, 28.8.
Mathias	**Laluc**	**CHAR-P-057**	France	Catalyst characterization incl. operando methods: experiment and theory	Uncovering Active Site Deactivation Dynamics in the Industrial Decomposition of N2O through Operando Infrared Spectroscopy	Poster, Monday, 28.8.
Martin	**Lamač**	**DES-P-025**	Czechia	Catalyst design, novel catalytic materials	Hydrosilylation/deoxygenation catalysis with “Activated borane” – a porous borane cluster polymer with Lewis acid centers	Poster, Monday, 28.8.
Hannah	**Lamers**	**REF-P-020**	Germany	Refining and petrochemistry	Supported Iron Nanoparticles as sustainable Catalysts for the selective Acetylene Hydrogenation unter industrial Front-End Conditions	Poster, Monday, 28.8.
Foteini	**Lappa**	**CO2-P-072**	Belgium	CO2 valorization	Direct CO2 hydrogenation to long-chain hydrocarbons via methanol	Poster, Monday, 28.8.
Piotr	**Latos**	**DES-P-026**	Poland	Catalyst design, novel catalytic materials	Designing innovation catalyst for the synthesis of plasticizers based on hybrid material deep eutectic solvent and metal oxide	Poster, Monday, 28.8.
Gayoung	**Lee**	**DES-P-027**	South Korea	Catalyst design, novel catalytic materials	Influence of Spatial Distribution between CeO2 and Bimetallic Nanoparticles for CO2-Assisted Pentane Oxidative Dehydrogenation	Poster, Monday, 28.8.
Seung-Cheol	**Lee**	**DES-P-028**	India	Catalyst design, novel catalytic materials	Computational design of robust catalyst beds for single-atom OER catalysts	Poster, Monday, 28.8.
Jung Kyoo	**Lee**	**REF-P-021**	South Korea	Refining and petrochemistry	Synergistic shape selectivity of H-Beta and H-ZSM-5 in heavy aromatics hydrocracking for xylene-rich BTX	Poster, Monday, 28.8.
Jasper	**Lefevere**	**DES-P-029**	Belgium	Catalyst design, novel catalytic materials	Packed bed of 3D printed catalysts for CO2 methanation	Poster, Monday, 28.8.
Piotr	**Legutko**	**CO2-P-073**	Poland	CO2 valorization	Ni/CeO2-ZrO2 catalysts for dry methane reforming – optimization of nickel loading and support composition	Poster, Monday, 28.8.
Huarong	**Lei**	**CHAR-P-058**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Revealing the Formation and Reactivity of Cage-Confined Cu Pairs in Catalytic NOx Reduction over Cu-SSZ-13 Zeolites by in situ UV-Vis Spectroscopy and Time-Dependent DFT Calculations	Poster, Monday, 28.8.
Mariia	**Lemishka**	**CHAR-P-059**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	Distant Binuclear Vanadium V(II) Cationic Sites in the Ferrierite Zeolite. A DFT study of their properties	Poster, Monday, 28.8.
Robin	**Lemmens**	**CHEM-P-007**	Belgium	Bulk chemicals and polymers	Green hydroxylation and ketonization of polyethylene using titanosilicate catalysts	Poster, Monday, 28.8.
Angeliki	**Lemonidou**	**PUR-P-021**	Greece	Catalytic technologies for liquid or solid waste reduction or purification	Catalytic upgrading of waste plastic pyrolysis oil	Poster, Monday, 28.8.
Aku	**Lempelto**	**CO2-P-074**	Finland	CO2 valorization	CO2 Reduction to Methanol at a Cu/Zn–ZrO2 Interface via DFT Calculations	Poster, Monday, 28.8.
Maria Stella	**Leone**	**DES-P-030**	Italy	Catalyst design, novel catalytic materials	Partial hydrogenation of biofuel from Waste Cooking Oil by Steel Slags based catalyst	Poster, Monday, 28.8.
Dian Tri	**Lestarini**	**INMC-P-003**	South Korea	Intermetallic compounds in catalysis	Ruthenium Single Atom on Intermetallic Pd3Pb Nanowires for Highly Efficient Hydrogen Evolution Reaction	Poster, Monday, 28.8.
Pavel	**Lestinsky**	**REF-P-022**	Czechia	Refining and petrochemistry	The conversion of aliphatic hydrocarbons to aromatics over HZSM-5 zeolite catalysts	Poster, Monday, 28.8.
Ang	**Li**	**DES-P-031**	Czechia	Catalyst design, novel catalytic materials	Pinning of transition metal nanoparticles onto silanol-rich 2D zeolitic materials	Poster, Monday, 28.8.
Guanna	**Li**	**DES-P-032**	Netherlands	Catalyst design, novel catalytic materials	Descriptors for hydrodeoxygenation reaction over Mo2C catalyst	Poster, Monday, 28.8.
Teng	**Li**	**DES-P-033**	Saudi Arabia	Catalyst design, novel catalytic materials	Influence of active-site proximity in zeolites on Brønsted-acid catalyzed reactions at the microscopic and mesoscopic levels	Poster, Monday, 28.8.
Rongjian	**Li**	**PUR-P-022**	United Kingdom	Catalytic technologies for liquid or solid waste reduction or purification	The degradation of phenol via in situ H2O2 production over supported Pd-based catalysts	Poster, Monday, 28.8.
Mingyue	**Lin**	**DES-P-034**	China	Catalyst design, novel catalytic materials	Cluster-sized alloys on zeolite for robust ethylene removal at 0 °C	Poster, Monday, 28.8.
Lorenz	**Lindenthal**	**DES-P-036**	Austria	Catalyst design, novel catalytic materials	Multiple doping of perovskite oxide catalysts – Unravelling the complex exsolution behavior	Poster, Monday, 28.8.
Lilia	**Longo**	**DES-P-037**	Italy	Catalyst design, novel catalytic materials	Influence of the starting biomass in the Pd-biochar catalyst properties	Poster, Monday, 28.8.
Iván	**López Luque**	**CO2-P-075**	Spain	CO2 valorization	COx hydrogenation to methanol on supported Cu NPs: role of electron withdrawing character of Lewis acid sites at metal/oxide periphery	Poster, Monday, 28.8.
Angeles	**Lopez-Martin**	**DES-P-038**	United Kingdom	Catalyst design, novel catalytic materials	Pd-Fe catalysts boosting effect for the Selective Oxidation of Benzyl alcohol through in situ H2O2 production	Poster, Monday, 28.8.
Kristijan	**Lorber**	**CO2-P-076**	Slovenia	CO2 valorization	Photo-thermal methane dry reforming reaction catalyzed by Ni/CeO2-x nanorods	Poster, Monday, 28.8.
Dolores	**Lozano-Castello**	**DES-P-039**	Spain	Catalyst design, novel catalytic materials	High performance tunable catalysts prepared by 3D printing	Poster, Monday, 28.8.
Song	**Lu**	**CO2-P-078**	Norway	CO2 valorization	Mn-Ni dual-atom sites for efficient electroreduction of CO2 to CO	Poster, Monday, 28.8.
Luca	**Lucarelli**	**CHAR-P-061**	Italy	Catalyst characterization incl. operando methods: experiment and theory	Hierarchical Pore Networks: Comparison Between Differential Cycling High-Resolution Mercury Porosimetry, Classical Mercury Porosimetry, and Reverberi Technique	Poster, Monday, 28.8.
Hongfei	**Ma**	**DES-P-040**	Norway	Catalyst design, novel catalytic materials	Atomic Cu-N-P-C Active Complex with Integrated Oxidation and Chlorination for Improved Ethylene Oxychlorination	Poster, Monday, 28.8.
Mahtab	**Madani**	**DES-P-041**	Denmark	Catalyst design, novel catalytic materials	Progress on the Implementation of More Sustainable Hydroformylation by Supported Liquid Phase (SLP) Catalysis	Poster, Monday, 28.8.
Mahtab	**Madani**	**DES-P-042**	Denmark	Catalyst design, novel catalytic materials	Rational Solvent Selection for the Preparation of Industrial Monolithic Supported Liquid Phase (SLP) Olefin Hydroformylation Catalyst	Poster, Monday, 28.8.
Nnamdi	**Madubuko**	**DES-P-043**	Germany	Catalyst design, novel catalytic materials	Supported catalytic active liquid metal solution catalysts on hierarchical SiO2 supra particles in propane dehydrogenation – effects of support pore size and surface roughness	Poster, Monday, 28.8.
Ehsan	**Mahmoudi**	**CHEM-P-008**	Greece	Bulk chemicals and polymers	Catalytic valorization of plastic waste pyrolysis non-condensable gases towards propylene production	Poster, Monday, 28.8.
Lekgowa Collen	**Makola**	**DES-P-044**	South Africa	Catalyst design, novel catalytic materials	MXene mediated layered 2D-2D-3D g-C3N4@Ti3C2T@WO3 multijunctional heterostructure with enhanced photoelectrochemical and photocatalytic properties	Poster, Monday, 28.8.
Rasika	**Mane**	**DES-P-045**	South Korea	Catalyst design, novel catalytic materials	Structural flexibility of the Mn-Ti-based perovskites and activity for the CO oxidation reaction	Poster, Monday, 28.8.
Jhonattan	**Manosalvas Mora**	**REF-P-002**	United States	Refining and petrochemistry	Methane dehydroaromatization over Mo/WO3-ZrO2 catalysts	Poster, Monday, 28.8.
Katarzyna	**Maresz**	**DES-P-047**	Poland	Catalyst design, novel catalytic materials	Stability of gold-functionalized catalysts in glucose oxidation	Poster, Monday, 28.8.
Clément	**Marchal**	**CO2-P-079**	France	CO2 valorization	Zeolitic Imidazolate Frameworks as co-catalysts for CO2 gas-phase photo-reduction	Poster, Monday, 28.8.
Nataliia	**Marchenko**	**DES-P-048**	France	Catalyst design, novel catalytic materials	Selective hydrogenation and hydrodeoxygenation using bimetallic FexPt100-x nanoparticles immobilized on supported ionic liquid phases	Poster, Monday, 28.8.
Vasyl	**Marchuk**	**CHAR-P-062**	Germany	Catalyst characterization incl. operando methods: experiment and theory	The Role of Surface Species on Platinum in Selective Ammonia Oxidation to Nitrogen	Poster, Monday, 28.8.
Wijnand	**Marquart**	**CO2-P-080**	South Africa	CO2 valorization	CO2 Reduction to Syngas over Mo2C-Based Catalysts	Poster, Monday, 28.8.
Irene	**Martin**	**CO2-P-081**	Italy	CO2 valorization	Perovskite-based catalysts for CO2 photoreduction reaction	Poster, Monday, 28.8.
Cristina	**Martínez**	**REF-P-003**	Spain	Refining and petrochemistry	Minimizing rare earth content of FCC catalysts: understanding the fundamentals on combined P-La stabilization	Poster, Monday, 28.8.
Laura	**Martínez Quintana**	**CO2-P-082**	Spain	CO2 valorization	Fe catalysts supported on N-doped graphite and K as a promoter for CO2 hydrogenation to light olefins	Poster, Monday, 28.8.
Paulo	**Martinho**	**CO2-P-083**	Portugal	CO2 valorization	CO2 valorisation with earth-abundant metals using visible-light	Poster, Monday, 28.8.
Thomas	**Maschmeyer**	**DES-P-049**	Australia	Catalyst design, novel catalytic materials	Improved synthesis of nano Chevrel Phases for alkaline HER	Poster, Monday, 28.8.
Lions	**Mathieu**	**DES-P-050**	France	Catalyst design, novel catalytic materials	Immobilization of Ni complexes in hydrophobic materials for ethylene oligomerization	Poster, Monday, 28.8.
Michal	**Mazur**	**DES-P-051**	Czechia	Catalyst design, novel catalytic materials	Dealumination of USY for stabilization of subnanometric reducible metal oxide nanoparticles	Poster, Monday, 28.8.
Maximilian	**Medicus**	**DES-P-052**	Germany	Catalyst design, novel catalytic materials	Development and up-scaling of iron-based catalysts for sustainable Fischer-Tropsch synthesis of higher alcohols	Poster, Monday, 28.8.
Jan	**Meissner**	**DES-P-053**	Germany	Catalyst design, novel catalytic materials	An improved preparation method for a CuO/CeO2-coated monolith for the CO-PrOx reaction	Poster, Monday, 28.8.
Okorn	**Mekasuwandumrong**	**CO2-P-084**	Thailand	CO2 valorization	FSP-made Ru/SiO2 and Ru/Ti-SiO2 catalysts for CO2 methanation reaction	Poster, Monday, 28.8.

FIRST NAME	SURNAME	Number	COUNTRY	SESSION	TITLE OF PRESENTATION	FORM
Hesham	**Mena**	**CO2-P-085**	Germany	CO2 valorization	Highly active, selective, and stable CuZnAlOx catalyst for methanol synthesis via CO2 hydrogenation under industrially relevant conditions	Poster, Monday, 28.8.
Pedro	**Mendes**	**DES-P-054**	Portugal	Catalyst design, novel catalytic materials	Towards a Machine Learning Model for Zeolite Synthesis	Poster, Monday, 28.8.
Loukia Pantzechrol	**Merkouri**	**CO2-P-086**	United Kingdom	CO2 valorization	CO2 Capture and Utilisation by Using Switchable Dual Function Materials	Poster, Monday, 28.8.
Maria	**Mihet**	**DES-P-055**	Romania	Catalyst design, novel catalytic materials	MOF(Al)-derived catalysts with enhanced activity in CO2 methanation	Poster, Monday, 28.8.
Piotr	**Michorczyk**	**DES-P-056**	Poland	Catalyst design, novel catalytic materials	Multicomponent monolithic catalysts prepared in 3D printing assistance for oxidative coupling of methane	Poster, Monday, 28.8.
Haehyun	**Min**	**CO2-P-087**	South Korea	CO2 valorization	Nickel embedded silica catalyst for highly stable performance of dry reforming of methane (DRM)	Poster, Monday, 28.8.
Gianmarco	**Miroddi**	**CO2-P-089**	Italy	CO2 valorization	Design and development of a thermo-photo catalytic system to boost the activation of small molecules by plasmonic effect	Poster, Monday, 28.8.
Maahin	**Mirzay shahim**	**DES-P-058**	Spain	Catalyst design, novel catalytic materials	Interface engineering of amorphous/crystalline catalysts employing metallic glasses and ceria for catalytic CO Oxidation	Poster, Monday, 28.8.
Masayoshi	**Miyazaki**	**DES-P-059**	Japan	Catalyst design, novel catalytic materials	Strong Solid Base site of N3- beside vacancies in hexagonal-BaTiO3-xNy	Poster, Monday, 28.8.
Kinga	**Mlekodaj**	**DES-P-060**	Czechia	Catalyst design, novel catalytic materials	Aluminum atoms organization in MFI ruled by synthesis procedure	Poster, Monday, 28.8.
Kinga	**Mlekodaj**	**CHAR-P-063**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	Identification of the active centres in FER and MOR for N2O processing	Poster, Monday, 28.8.
Daniel	**Molloy**	**PUR-P-023**	Ireland	Catalytic technologies for liquid or solid waste reduction or purification	Non-thermal-plasma assisted degradation of perfluorooctanoic acid	Poster, Monday, 28.8.
Anastasia	**Molokova**	**CHAR-P-064**	France	Catalyst characterization incl. operando methods: experiment and theory	SO2 poisoning of the Cu-CHA deNOx catalyst monitored by X-ray absorption spectroscopy	Poster, Monday, 28.8.
Matteo	**Monai**	**CHAR-P-065**	Netherlands	Catalyst characterization incl. operando methods: experiment and theory	Restructuring of TiOx Overlayers over Ni Nanoparticles during Catalysis	Poster, Monday, 28.8.
Jorge	**Moral Pombo**	**CO2-P-091**	Spain	CO2 valorization	Modified ferrites for the magnetically heated CO2 reduction	Poster, Monday, 28.8.
Helir Joseph	**Muñoz Alvear**	**DES-P-061**	Spain	Catalyst design, novel catalytic materials	Syngas production by CO2 reforming of methane on Ni/LaAlO3 perovskite based catalysts with improved textural properties	Poster, Monday, 28.8.
Beatrice	**Musig**	**CO2-P-092**	Spain	CO2 valorization	Synergy of single-atom Ni and Ru on CeO2 catalysts for plasma-assisted CO2 methanation	Poster, Monday, 28.8.
Marcin	**Muszyński**	**CHEM-P-009**	Poland	Bulk chemicals and polymers	Synthesis of terephthalic plasticizer from waste poly(ethylene terephthalate) in the presence of organotin catalyst	Poster, Monday, 28.8.
Hiroki	**Nagakari**	**DES-P-062**	Japan	Catalyst design, novel catalytic materials	Size dependence of niobium oxide clusters for base catalysis	Poster, Monday, 28.8.
Katsutoshi	**Nagaoka**	**DES-P-063**	Japan	Catalyst design, novel catalytic materials	Surface Dynamics for Generation of Metal Active Sites for Ammonia Synthesis under Mild Conditions	Poster, Monday, 28.8.
Sharanya	**Nair**	**DES-P-064**	Germany	Catalyst design, novel catalytic materials	Stability of supported catalytically active liquid metal solutions (SCALMS) catalysts in high temperature reactions	Poster, Monday, 28.8.
Takumi	**Nakagawa**	**CO2-P-093**	Japan	CO2 valorization	Low-temperature hydrogenation of CO2 to methanol over supported gold catalysts	Poster, Monday, 28.8.
Kengo	**Nakamura**	**DES-P-065**	Japonsko	Catalyst design, novel catalytic materials	Study on the catalytic active species for partial oxidation of CH4 over Fe-containing zeolite	Poster, Monday, 28.8.
Akihiro	**Nakayama**	**DES-P-066**	Japan	Catalyst design, novel catalytic materials	Development of Supported Gold Cluster Catalysts Utilizing Layered Double Hydroxide (LDH) Nanoparticles	Poster, Monday, 28.8.
An Sofie	**Narmon**	**CHEM-P-010**	Belgium	Bulk chemicals and polymers	Brønsted acid catalysis opens a new green route to thiolactide, a monomer for novel and potentially sustainable polythiolester materials	Poster, Monday, 28.8.
Juan Carlos	**Navarro de Miguel**	**CHAR-P-066**	Saudi Arabia	Catalyst characterization incl. operando methods: experiment and theory	Identifying the species producing ethylene and propylene in the methanol-to-olefin reaction by operando spectroscopy	Poster, Monday, 28.8.
Darya	**Nefedova**	**DES-P-067**	Italy	Catalyst design, novel catalytic materials	Reduction of nitroarenes to anilines in water solution catalyzed by Cu/SteelSlags new material	Poster, Monday, 28.8.
Chiara	**Negri**	**CHAR-P-067**	Italy	Catalyst characterization incl. operando methods: experiment and theory	Kinetic and operando UV-vis study of NH3-SCR over V/TiO2	Poster, Monday, 28.8.
Arjun	**Neyyathala**	**DES-P-069**	Germany	Catalyst design, novel catalytic materials	Palladium Phosphide Catalysts for the Wacker-Tsuji-Oxidation of Alkenes	Poster, Monday, 28.8.
Bryan Kit Yue	**Ng**	**DES-P-070**	United Kingdom	Catalyst design, novel catalytic materials	Photo-induced Active Lewis Acid-base Pairs in Metal-Organic Framework for H2 Activation	Poster, Monday, 28.8.
David	**Niedbalka**	**CHAR-P-068**	Switzerland	Catalyst characterization incl. operando methods: experiment and theory	SiO2-Supported CoxPty Nanoalloys for the Dry Reforming of Methane	Poster, Monday, 28.8.
Valerie	**Niemann**	**CHAR-P-069**	United States	Catalyst characterization incl. operando methods: experiment and theory	Neutron Reflectometry Reveals the Structure of a High-performing SEI Layer for Lithium-Mediated Nitrogen Reduction to Ammonia	Poster, Monday, 28.8.
Arne	**Nisters**	**DES-P-071**	Germany	Catalyst design, novel catalytic materials	Bridging the Gap between Molecular and Solid Catalysts: Nanoporous Phosphine-Based Macroligands for the Activation of CO2	Poster, Monday, 28.8.
Marcelina	**Nowakowska**	**DES-P-072**	Poland	Catalyst design, novel catalytic materials	Characterisation and application of the DLP-printed ceramic monoliths for the oxidative coupling of methane process	Poster, Monday, 28.8.
Pinkie	**Ntola**	**DES-P-073**	South Africa	Catalyst design, novel catalytic materials	The process-structure correlation of VOx/MgO catalysts prepared by solution combustion synthesis for n-octane conversion	Poster, Monday, 28.8.
Rafael	**Nuez Escalante**	**DES-P-074**	Spain	Catalyst design, novel catalytic materials	CO2 Hydrogenation Performance of Highly Dispersed Pt and Ru Catalysts Supported on Surface-modified CeO2 Nanostructures	Poster, Monday, 28.8.
Naoyoshi	**Nunotani**	**DES-P-075**	Japan	Catalyst design, novel catalytic materials	Precious-metal-free Catalysts Based on Apatite-type Lanthanum Silicate for Toluene Combustion	Poster, Monday, 28.8.
Ardian	**Nurwita**	**REF-P-004**	Poland	Refining and petrochemistry	The effect of the support pore structure on the oxidative desulphurization of dibenzothiophene	Poster, Monday, 28.8.
Yuto	**Oba**	**DES-P-076**	Japan	Catalyst design, novel catalytic materials	Development of new catalytic system driven by vibration energy	Poster, Monday, 28.8.
Joanna	**Olszówka**	**DES-P-077**	Czechia	Catalyst design, novel catalytic materials	Towards the understanding of structure-function relationships in dry methane reforming using semi-model catalytic systems	Poster, Monday, 28.8.
Jon Ander	**Onrubia**	**CO2-P-094**	Spain	CO2 valorization	Elucidating CO2 methanation mechanism over novel 10% LaNiO3/CeO2-derived catalyst by in-situ FTIR and NAP-XPS	Poster, Monday, 28.8.
Jon Ander	**Onrubia Calvo**	**CO2-P-095**	Spain	CO2 valorization	Enhancement the CO2 adsorption and hydrogenation to CH4 capacity of Ru Na-Ca/gamma-Al2O3 dual function material by controlling the structure under different calcination atmosphere	Poster, Monday, 28.8.
Maksym	**Opanasenko**	**DES-P-078**	Czechia	Catalyst design, novel catalytic materials	Ge outperforms other zeolite sites in sucrose-to-HMF conversion	Poster, Monday, 28.8.
Vitaly	**Ordomsky**	**DES-P-080**	France	Catalyst design, novel catalytic materials	Heterogenization of Iron Schiff Base Complex for Catalysis	Poster, Monday, 28.8.
Onur	**Ordulu**	**CHAR-P-070**	Turkey	Catalyst characterization incl. operando methods: experiment and theory	An In Situ & Operando FTIR-DRIFTS-MS Analysis of CDRM Reaction at Low Temperature over Ru-La/ZrO2 Catalyst	Poster, Monday, 28.8.
Manuela	**Oykova**	**CO2-P-096**	Bulgaria	CO2 valorization	CO2 Hydrogenation to Renewable Methane on Ni/Ru Modified ZSM-5 Zeolites	Poster, Monday, 28.8.
Kateřina	**Pacultová**	**CHAR-P-072**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	Copper-nickel deoxygenation catalysts Part II: Adsorption properties determined by TPD	Poster, Monday, 28.8.
Mireia	**Palma Cazorla**	**CO2-P-097**	Austria	CO2 valorization	ZrO2 effect in the activity of Cu/CeO2 catalysts for the reverse water gas shift reaction	Poster, Monday, 28.8.
Giovanni	**Pampararo**	**DES-P-081**	Belgium	Catalyst design, novel catalytic materials	Novel aerosol-made CuO-CeO2 catalysts with superior CO oxidation activity	Poster, Monday, 28.8.
Giuseppe	**Pantaleo**	**CO2-P-098**	Italy	CO2 valorization	Hydrogen Production from Chemical Looping Reforming of Methane: a screening of Ni based Oxygen Carriers	Poster, Monday, 28.8.
Martino	**Panzeri**	**CO2-P-100**	Italy	CO2 valorization	Electrified CO2 reforming of methane and reverse-water gas shift driven by Joule heating	Poster, Monday, 28.8.
Myung-June	**Park**	**CO2-P-101**	South Korea	CO2 valorization	Kinetic Modeling of CO2 Hydrogenation via Fischer-Tropsch Synthesis Using K/Fe-Cu-Al Catalysts	Poster, Monday, 28.8.
Jeong Jin	**park**	**PUR-P-024**	South Korea	Catalytic technologies for liquid or solid waste reduction or purification	TiO2 coating on PET nonwovens by dip-coating for photocatalytic effects	Poster, Monday, 28.8.
Hawon	**Park**	**REF-P-005**	South Korea	Refining and petrochemistry	Investigation of induction period and oxygen species of chromium oxide catalyst for fluidized dehydrogenation of propane	Poster, Monday, 28.8.
Myung-June	**Park**	**REF-P-006**	South Korea	Refining and petrochemistry	Kinetic modeling of oxidative coupling of methane over Na2WO4 catalyst with various promoters	Poster, Monday, 28.8.
Silvia	**Parrilla-Lahoz**	**PUR-P-025**	United Kingdom	Catalytic technologies for liquid or solid waste reduction or purification	Catalytic pyrolysis can offer a means to upcycle micro/nano plastics released from synthetic fibres during laundering	Poster, Monday, 28.8.
Laia	**Pascua Solé**	**CHAR-P-073**	Spain	Catalyst characterization incl. operando methods: experiment and theory	Effect of Co addition to Pd-CeO2 for lean methane combustion	Poster, Monday, 28.8.
Reece	**Paterson**	**DES-P-082**	United Kingdom	Catalyst design, novel catalytic materials	Promotion of Palladium Nanoparticles by Amine-Modified Ionic Liquid Polymers Towards CO2 Hydrogenation to Formate	Poster, Monday, 28.8.
Andraz	**Pavlisic**	**CO2-P-102**	Slovenia	CO2 valorization	Membrane reactor: A case study of methanol production	Poster, Monday, 28.8.
Ismael	**Pellejero**	**CO2-P-103**	Spain	CO2 valorization	Bimetallic MOF-Derived Catalysts for Photo-thermal CO2 Hydrogenation	Poster, Monday, 28.8.
Siglinda	**Perathoner**	**CO2-P-104**	Italy	CO2 valorization	Promising electrocatalysts based on surface modified Zeolite Templated Carbons for CO2 valorization	Poster, Monday, 28.8.
Matteo	**Percivale**	**CO2-P-105**	Italy	CO2 valorization	CO2 driven light alkanes oxidative dehydrogenation over nickel and iron heterogeneous catalysts	Poster, Monday, 28.8.
Stefano	**Peters**	**CHAR-P-074**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Support effects on ammonia decomposition on supported Cu catalysts	Poster, Monday, 28.8.
Stefan	**Peters**	**REF-P-007**	Germany	Refining and petrochemistry	Increased stability and activity of Mo/HZSM-5 for methane dehydroaromatization via Nb doping	Poster, Monday, 28.8.
Sumant	**Phadke**	**CO2-P-106**	Switzerland	CO2 valorization	Synergetic Activity of Ag and Zn in CO2 Hydrogenation to Methanol	Poster, Monday, 28.8.
Nat	**Phongprueksathat**	**CO2-P-107**	Netherlands	CO2 valorization	A synergistic interplay between Ag and Re supported on TiO2 promotes methanol selectivity in low temperature CO2 hydrogenation	Poster, Monday, 28.8.
Thomas	**Pigeon**	**CHAR-P-075**	France	Catalyst characterization incl. operando methods: experiment and theory	DFT modelling and High-Resolution Solid-State NMR to identify γ-Alumina hydroxyls structure, location and spatial proximities	Poster, Monday, 28.8.
Albin	**Pintar**	**CO2-P-108**	Slovenia	CO2 valorization	Exceptionally High Productivity of ZrO2 Supported Au Catalysts in CO2 Hydrogenation to Methanol	Poster, Monday, 28.8.
Marina	**Pinzón García**	**DES-P-083**	Spain	Catalyst design, novel catalytic materials	Co-Ru/SiC as catalyst for ammonia decomposition reaction	Poster, Monday, 28.8.
Simon	**Pitscheider**	**DES-P-084**	Denmark	Catalyst design, novel catalytic materials	Enhancing the activity of IrOx catalysts for OER in PEM electrolysers	Poster, Monday, 28.8.
Michael	**Pittenauer**	**CHAR-P-076**	Austria	Catalyst characterization incl. operando methods: experiment and theory	Insights in the water gas shift reaction over CoFe2O4 and NiFe2O4 based on operando spectroscopy techniques	Poster, Monday, 28.8.
Marco	**Pizzolato**	**DES-P-085**	Italy	Catalyst design, novel catalytic materials	Vanadium: an efficient promoter for Ni based catalyst for Methane Dry reforming	Poster, Monday, 28.8.
Adrián	**Plá Hernández**	**PUR-P-026**	Spain	Catalytic technologies for liquid or solid waste reduction or purification	Catalytic hydrogenation of water pollutants by platinum metal catalysts	Poster, Monday, 28.8.
Meenakshi	**Pokhriyal**	**DES-P-086**	India	Catalyst design, novel catalytic materials	MgO-Induced Structure Sensitivity in Cu-Based Catalyst Synthesized via a Novel Precursor Route for CO2 to Methanol Conversion	Poster, Monday, 28.8.
Maximilian J.	**Poller**	**CHAR-P-077**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Spectroscopic Characterisation of Keggin-type Polyoxometalate Catalysts	Poster, Monday, 28.8.
Žiga	**Ponikvar**	**DES-P-087**	Slovenia	Catalyst design, novel catalytic materials	Preparation of supported bimetallic RuCo catalysts	Poster, Monday, 28.8.
Peerapol	**Pornsetmetakul**	**DES-P-088**	Thailand	Catalyst design, novel catalytic materials	Speeding up synthesis of nanolayered zeolites synthesis by interzeolite transformation	Poster, Monday, 28.8.
Christophe	**Poupin**	**CO2-P-109**	France	CO2 valorization	CO2 methanation catalysts derived from Ni-alkaline earth metal carbonates	Poster, Monday, 28.8.
Piyasan	**Praserthdam**	**CO2-P-111**	Thailand	CO2 valorization	Effect of substrate conductivity on charge transfer and CO2 photoreduction to methane in water vapor over silica-modified TiO2 films	Poster, Monday, 28.8.
Petr	**Praus**	**DES-P-089**	Czechia	Catalyst design, novel catalytic materials	Thermal synthesis of graphitic carbon nitride in argon atmosphere for photocatalytic hydrogen evolution	Poster, Monday, 28.8.
Sebastian	**Prodinger**	**DES-P-091**	Norway	Catalyst design, novel catalytic materials	Cation-induced Speciation of Port-Size in MOR Zeolite Synthesis	Poster, Monday, 28.8.
Martin	**Pšenička**	**REF-P-008**	Czechia	Refining and petrochemistry	Effect of Hydrocracked Vacuum Distillate Addition on FCC Yields	Poster, Monday, 28.8.
Jouvan Chandra Pr	**Putra**	**DES-P-092**	Norway	Catalyst design, novel catalytic materials	A Review on Electron-Hole Pairs Mechanism in Dark Photocatalysis	Poster, Monday, 28.8.

FIRST NAME	SURNAME	Number	COUNTRY	SESSION	TITLE OF PRESENTATION	FORM
Riikka	**Puurunen**	**CO2-P-112**	Finland	CO2 valorization	Atomic layer deposited zinc over metal oxide supported copper for carbon dioxide hydrogenation to methanol: Comparison of supports	Poster, Monday, 28.8.
Yi	**Qiu**	**DES-P-093**	Italy	Catalyst design, novel catalytic materials	Kinetic investigation of NH3 decomposition over Ru-based catalysts	Poster, Monday, 28.8.
Asun	**Quintanilla**	**DES-P-094**	Spain	Catalyst design, novel catalytic materials	Fabrication of Pd-supported 3D printing activated carbon monoliths for hydrogen production	Poster, Monday, 28.8.
Patrícia	**Ramalho**	**DES-P-095**	Portugal	Catalyst design, novel catalytic materials	Carbon nanotube-supported bimetallic catalysts with high activity for the reduction of NOx	Poster, Monday, 28.8.
Shaine	**Raseale**	**CO2-P-113**	South Africa	CO2 valorization	Carbon dioxide activation via oxidative dehydrogenation and dry reforming of ethane over Fe3Ni1 nanoalloys influenced by supports	Poster, Monday, 28.8.
Shaine	**Raseale**	**CO2-P-114**	South Africa	CO2 valorization	Carbon dioxide reduction via the reverse Water Gas Shift reaction over iron-nickel nanoalloy-based catalysts	Poster, Monday, 28.8.
Matti	**Reinikainen**	**CO2-P-115**	Finland	CO2 valorization	Selective production of isobutene – Isosynthesis over zirconia	Poster, Monday, 28.8.
Yifei	**Ren**	**CHAR-P-078**	United Kingdom	Catalyst characterization incl. operando methods: experiment and theory	Is Ce3+/Ce4+ redox necessary: Extreme high CO conversion at non-reducible CeO2 surface	Poster, Monday, 28.8.
Alejandra	**Rendon Patino**	**DES-P-096**	Saudi Arabia	Catalyst design, novel catalytic materials	Ru@C microspheres for Photo-Thermal catalysis applications	Poster, Monday, 28.8.
Alberto Jose	**Reynoso Estevez**	**CHAR-P-079**	France	Catalyst characterization incl. operando methods: experiment and theory	Comparative study of the aging time of Cu/TiO2 catalysts: effect of the preparation method	Poster, Monday, 28.8.
Anders	**Riisager**	**CO2-P-116**	Denmark	CO2 valorization	Upgrading of Solvent-Free Acetone-Butanol Mixtures to Aviation Fuels over Heterogeneous Metal Catalysts	Poster, Monday, 28.8.
Alberto	**Rodriguez Gomez**	**DES-P-097**	Spain	Catalyst design, novel catalytic materials	Atomically dispersed platinum supported in FeOx/SiO2 for the selective non-oxidative dehydrogenation of isobutane	Poster, Monday, 28.8.
Daily	**Rodriguez-Padron**	**CO2-P-117**	Italy	CO2 valorization	Metal-free N-Doped Carbons catalysts for Solvent-Less CO2 Fixation Reactions: A Shrimp Shell Valorization Opportunity	Poster, Monday, 28.8.
Inmaculada	**Rodríguez-Ramos**	**CO2-P-118**	Spain	CO2 valorization	Effect of promoters (Cs or Ba) on the Ni/HSAG catalyzed RWGS reaction	Poster, Monday, 28.8.
Hyun-Seog	**Roh**	**DES-P-098**	South Korea	Catalyst design, novel catalytic materials	Development of Stable Ceria-Supported Noble Metal Catalysts with Sulfur Resistance for Waste-to-Hydrogen	Poster, Monday, 28.8.
Anna	**Rokicinska**	**DES-P-099**	Poland	Catalyst design, novel catalytic materials	Co3O4@SiO2 yolk-shell catalysts for total oxidation of toluene	Poster, Monday, 28.8.
Federica	**Romanelli**	**DES-P-100**	Italy	Catalyst design, novel catalytic materials	Reactivity and stability of spinel oxides for the aqueous catalytic oxidation of alcohols in batch conditions	Poster, Monday, 28.8.
Manuela	**Romero**	**CO2-P-119**	Spain	CO2 valorization	Promotion of CO2 Hydrogenation to CH4 by MgO on Ru/ZrO2 - Multimodal Spectroscopy Investigation	Poster, Monday, 28.8.
Magnus	**Rønning**	**CHEM-P-011**	Norway	Bulk chemicals and polymers	Effect of support on Ru-based catalysts in oxidation of nitric oxide for nitric acid production	Poster, Monday, 28.8.
Heloisa	**Ruschel Bortolini**	**CO2-P-120**	Brazil	CO2 valorization	Evaluation of Ga and Zn-based catalysts supported on SiO2 for the CO2-assisted ethane dehydrogenation	Poster, Monday, 28.8.
Galina	**Sádovská**	**DES-P-102**	Czechia	Catalyst design, novel catalytic materials	Zeolite-Templated Carbon Metal-Supported Catalysts for Heterogeneous Reactions	Poster, Monday, 28.8.
Galina	**Sádovská**	**CHAR-P-080**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	Decisive Structural Parameters for Stability of Carbon Catalysts	Poster, Monday, 28.8.
Mark	**Saeys**	**CO2-P-003**	Belgium	CO2 valorization	Demonstration of a continuous flow CO2 hydrogenation to formate over a solid micellar catalyst	Poster, Monday, 28.8.
Muddasar	**Safdar**	**DES-P-103**	Germany	Catalyst design, novel catalytic materials	Dry Reforming of Methane for the Syngas Production Catalyzed by Ni-doped Perovskites	Poster, Monday, 28.8.
Shailza	**Saini**	**DES-P-104**	United Kingdom	Catalyst design, novel catalytic materials	Lanthanide-based iron perovskites for catalytic rWGS	Poster, Monday, 28.8.
Mehran	**Sajad**	**CHAR-P-081**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	Study of active sites involved in the oxidative dehydrogenation of propane via boron nitride	Poster, Monday, 28.8.
Sofia	**Salli**	**DES-P-105**	United Kingdom	Catalyst design, novel catalytic materials	Ti1-yWyO2Nx Photo-Oxidation Catalysts: From Synthesis to VOC Degradation	Poster, Monday, 28.8.
Tarik Bercan	**SARI**	**DES-P-266**	Turkey	Catalyst design, novel catalytic materials	Supercritical Ion Exchange: A Novel Method for Cu-Zeolite Synthesis Enabling the Tuning of Active Sites Towards NH3-SCR of Nox	Poster, Monday, 28.8.
Bidyut Bikash	**Sarma**	**CHAR-P-083**	United Kingdom	Catalyst characterization incl. operando methods: experiment and theory	Combined XAS and DRIFT Spectroscopic Investigation to Unravel the Dynamic Structural Evolution of Supported Atoms and Clusters	Poster, Monday, 28.8.
Katsutoshi	**Sato**	**CO2-P-004**	Japan	CO2 valorization	Low Temperature Activity of Tetragonal Type ZrO2 Supported Ru Catalyst for CO2 Methanation	Poster, Monday, 28.8.
Masato	**Sawada**	**DES-P-106**	Japan	Catalyst design, novel catalytic materials	Kinetic Study of seed-assisted crystallization of CON-type zeolite	Poster, Monday, 28.8.
Anja	**Sedminek**	**DES-P-107**	Slovenia	Catalyst design, novel catalytic materials	Structured catalysts for electrified magnetic catalysis	Poster, Monday, 28.8.
Torsten	**Seidel**	**CHEM-P-013**	Germany	Bulk chemicals and polymers	Extrusion of Optimized Catalysts with Smart Extrusion Technology from ECT-KEMA – Perspectives and Potential	Poster, Monday, 28.8.
Adrian	**Seitz**	**DES-P-108**	Germany	Catalyst design, novel catalytic materials	P-modified Pd catalysts for hydrogenation of aromatic compounds for chemical hydrogen storage	Poster, Monday, 28.8.
Shinnosuke	**Sekizawa**	**CO2-P-005**	Japan	CO2 valorization	Effect of metal loading on perovskite-type oxide catalysts for reverse water gas shift reaction	Poster, Monday, 28.8.
Catherine	**Sepulveda**	**DES-P-109**	Chile	Catalyst design, novel catalytic materials	Effect of the B cation in a perovskite as precursor for the catalytic m-cresol hydrodeoxygenation reaction.	Poster, Monday, 28.8.
Estrella	**Serra Pérez**	**DES-P-110**	Slovenia	Catalyst design, novel catalytic materials	Au-TiO2 catalysts for plasmon-driven photocatalytic wastewater treatment: Synthesis and characterization	Poster, Monday, 28.8.
Urvashi	**Sharma**	**DES-P-111**	India	Catalyst design, novel catalytic materials	Rationally designed bifunctional catalyst with metal incorporated core-shell silicalite-1 architecture	Poster, Monday, 28.8.
Shweta	**Sharma**	**CHAR-P-084**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Visualizing sulphur poisoning in structured honeycomb catalysts with hard x-ray nanotomography	Poster, Monday, 28.8.
Shashank	**Shekhar**	**DES-P-114**	India	Catalyst design, novel catalytic materials	Iron-based catalyst for production of hydrogen and CNTs through the catalytic decomposition of methane	Poster, Monday, 28.8.
Thomas	**Sheppard**	**CHAR-P-085**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Hard X-ray tomography reveals structural degradation and chemical composition of Pt/Rh gauze catalysts for NH3 oxidation	Poster, Monday, 28.8.
Kun-Yauh	**Shih**	**PUR-P-027**	Taiwan	Catalytic technologies for liquid or solid waste reduction or purification	Microwave-hydrothermal assisted synthesis of ZnFe2O4/RGO nanocomposites for the removal of organic pollutants from wastewater	Poster, Monday, 28.8.
Mihara	**Shogen**	**CO2-P-006**	Japan	CO2 valorization	Synthesis of carbamates from CO2-captured amines and alcohols over CeO2 catalyst	Poster, Monday, 28.8.
Hauke	**Scheele**	**DES-P-115**	Germany	Catalyst design, novel catalytic materials	The Effect of Vanadium Substitution into Cobalt Oxide Catalysts for Selective 2-Propanol Oxidation	Poster, Monday, 28.8.
Christian	**Schmitt**	**DES-P-116**	Germany	Catalyst design, novel catalytic materials	Ceria-supported mono- and bimetallic noble metal nanoparticles with narrow size distribution as model catalysts in emission control reactions	Poster, Monday, 28.8.
Christian	**Schröder**	**DES-P-117**	Austria	Catalyst design, novel catalytic materials	Tandem Mixed-Metal Oxides/Zeolite Catalysts for CO2 Utilization	Poster, Monday, 28.8.
Henrik	**Schuster**	**DES-P-118**	Germany	Catalyst design, novel catalytic materials	Influence of Oxidative Fluorination on Cu/ZnO Methanol Catalysts for Carbon Dioxide Hydrogenation	Poster, Monday, 28.8.
Hedvika	**Schwarzová**	**DES-P-119**	Czechia	Catalyst design, novel catalytic materials	Development of Hydroisomerization Catalyst for Diesel Fuel with Improved Cold Flow Properties	Poster, Monday, 28.8.
Joëlle	**Siewe**	**CHAR-P-086**	Netherlands	Catalyst characterization incl. operando methods: experiment and theory	Elucidating the Role of Bismuth as a Promotor Element on the Pt-Catalyzed CO Oxidation Reaction	Poster, Monday, 28.8.
Karolína	**Simkovičová**	**DES-P-120**	Czechia	Catalyst design, novel catalytic materials	Propane Combustion over Alumina-Supported Copper Nanoparticles	Poster, Monday, 28.8.
Nijal Krishen	**Singh**	**DES-P-121**	South Africa	Catalyst design, novel catalytic materials	Characteristics and Reactivity of Chelating N and O-donor Ru and Cu complexes in the oxidation of n-octane	Poster, Monday, 28.8.
Omvir	**Singh**	**DES-P-122**	India	Catalyst design, novel catalytic materials	Integration of Zeolite@Metal–Organic Framework: A Composite Catalyst for Isopropyl Alcohol Conversion to Aromatics	Poster, Monday, 28.8.
Kaartick	**Sivakumar**	**INMC-P-004**	Germany	Intermetallic compounds in catalysis	Ga-Sb-Pd Intermetallic Compounds as Catalysts for the Semi-Hydrogenation of Acetylene	Poster, Monday, 28.8.
Alessandra	**Sivo**	**DES-P-123**	Italy	Catalyst design, novel catalytic materials	Light-driven coupling of acids and halides over a Ni single-atom catalyst	Poster, Monday, 28.8.
Lucie	**Smoláková**	**CHAR-P-087**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	Reconstruction of the ZnAl mixed oxides into the layered double hydroxide catalysts active in the aldol condensation of furfural	Poster, Monday, 28.8.
Kamila	**Sobańska**	**DES-P-125**	Poland	Catalyst design, novel catalytic materials	Oxidation of o-phenylenediamine by reactive oxygen species generated during H2O2 decomposition over composite oxide materials	Poster, Monday, 28.8.
Benjamin	**Solsona**	**REF-P-009**	Spain	Refining and petrochemistry	Influence of electrochemical properties on the catalytic performance of doped NiO catalysts for the oxidative dehydrogenation of ethane	Poster, Monday, 28.8.
Rosie	**Somerville**	**DES-P-126**	Switzerland	Catalyst design, novel catalytic materials	Defined precursors for atomically dispersed heterobimetallic catalysts	Poster, Monday, 28.8.
Youjung	**Song**	**DES-P-127**	South Korea	Catalyst design, novel catalytic materials	Hydrogen purification for selective removal of oxygen: Deoxo catalysts	Poster, Monday, 28.8.
Ye	**Song**	**REF-P-010**	China	Refining and petrochemistry	A Self-Combustion-Depolymerization Approach to Activate Solid-Waste Coal Gangue Minerals for Fluid Catalytic Cracking Catalyst Synthesis	Poster, Monday, 28.8.
Ye	**Song**	**REF-P-011**	China	Refining and petrochemistry	Trail of Sulfur during the Desulfurization via Reactive Adsorption on Ni/ZnO	Poster, Monday, 28.8.
Leonardo	**Sousa**	**DES-P-128**	Brazil	Catalyst design, novel catalytic materials	Molecularly Defined Precursors for Pt Nanoparticle Controlled Growth and Speciation Targeting CO2 Conversion	Poster, Monday, 28.8.
Daniela	**Spataru**	**CO2-P-007**	Portugal	CO2 valorization	Realistic conditions for Sabatier reaction: a promising alternative for cement industry decarbonization	Poster, Monday, 28.8.
Elena	**Spennati**	**CO2-P-008**	Italy	CO2 valorization	Investigation on the effect of nickel and silica loading of Ni/SiO2-Al2O3 catalysts for CO2 hydrogenation	Poster, Monday, 28.8.
Kaja	**Spilarewicz**	**CHAR-P-088**	Poland	Catalyst characterization incl. operando methods: experiment and theory	Surface photovoltage application for revealing carrier transfer behaviour and photocatalytic mechanisms in photocatalyst systems	Poster, Monday, 28.8.
Stylianos	**Spyroglou**	**CO2-P-009**	Austria	CO2 valorization	On the potential of dual-function FeCo catalysts for CO2 utilization via inductive heating	Poster, Monday, 28.8.
Alex	**Stenner**	**DES-P-129**	United Kingdom	Catalyst design, novel catalytic materials	Chemo-enzymatic C-H Bond Activation via in-situ H2O2 Production	Poster, Monday, 28.8.
Robert	**Stöber**	**DES-P-130**	Germany	Catalyst design, novel catalytic materials	Dimethyl ether as hydrogen carrier: Development of catalysts for DME steam reforming	Poster, Monday, 28.8.
Marius	**Stoian**	**DES-P-131**	Romania	Catalyst design, novel catalytic materials	Transition metal-promoted LDH-derived CoCeMgAlO mixed oxides, active catalysts for methane complete oxidation	Poster, Monday, 28.8.
Lars-Christian	**Stoltenberg**	**CHEM-P-014**	Germany	Bulk chemicals and polymers	Identification of significant parameter in the Ostwald process using statistically optimized experimental designs	Poster, Monday, 28.8.
Guilherme	**Strapasson**	**DES-P-132**	Brazil	Catalyst design, novel catalytic materials	Acidity modulation impact over metal-support interactions of Pt-supported catalysts	Poster, Monday, 28.8.
Katie	**Struckhoff**	**CHAR-P-089**	United States	Catalyst characterization incl. operando methods: experiment and theory	Toolkit for the Structural Characterization of Mesoporous Zeolite Catalysts	Poster, Monday, 28.8.
Tianyue	**Su**	**DES-P-133**	China	Catalyst design, novel catalytic materials	Synergistic Catalysis between Fe Single Atoms and Fe3O4 Nanoparticles to Generate Reactive Oxygen Species for the Oxidative Trifluoromethylation of Olefins	Poster, Monday, 28.8.
Oscar	**Suarez**	**DES-P-134**	France	Catalyst design, novel catalytic materials	Water-Soluble NHC-stabilized PdNi Nanoparticles for H/D Exchange in Aromatic Amino-Acids	Poster, Monday, 28.8.
Subhashini	**Subhashini**	**PUR-P-028**	India	Catalytic technologies for liquid or solid waste reduction or purification	Catalytic pyrolysis of single-use plastic waste over hierarchical zeolite to obtain fuel grade hydrocarbons	Poster, Monday, 28.8.
Suman	**Suman**	**CO2-P-010**	Netherlands	CO2 valorization	Cobalt carbide catalyst development for CO2 methanation: synthesis and characterization	Poster, Monday, 28.8.
Adéla	**Šlachtová**	**DES-P-136**	Czechia	Catalyst design, novel catalytic materials	Pt/CeO2, Pt/TiO2 and Pt/TiO2-CeO2 catalysts prepared by using titanyl sulphate in oxidation of dichloromethane	Poster, Monday, 28.8.
Tatyana	**Tabakova**	**DES-P-137**	Bulgaria	Catalyst design, novel catalytic materials	Effect of Cu/Ce Ratio on Benzene Oxidation over Gold-promoted Alumina-supported CuO-CeO2	Poster, Monday, 28.8.
Edyta	**Tabor**	**CHAR-P-090**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	Probing the possibility of cooperativity of two divalent cations in Si-rich zeolites by Zn(II) emission quenching	Poster, Monday, 28.8.
Alberto	**Tampieri**	**DES-P-138**	Austria	Catalyst design, novel catalytic materials	Liquid-phase catalytic oxidation of alcohols over spinel oxides	Poster, Monday, 28.8.
Kazuya	**Tamura**	**CO2-P-011**	Japan	CO2 valorization	Dry reforming of methane over Cr-Ni loaded on dealuminated Beta zeolite	Poster, Monday, 28.8.
Abdulkadir	**Tanimu**	**REF-P-013**	Saudi Arabia	Refining and petrochemistry	Application of AI-based models integrated with Ensemble ML paradigms for simulating light olefins yield in crude-to-chemicals conversion	Poster, Monday, 28.8.
Karolina	**Tarach**	**CHAR-P-091**	Poland	Catalyst characterization incl. operando methods: experiment and theory	Assessment of Ag-sites speciation in ZSM-5 zeolite - operando UV-Vis and FT-IR studies	Poster, Monday, 28.8.

FIRST NAME	SURNAME	Number	COUNTRY	SESSION	TITLE OF PRESENTATION	FORM
Karolina	**Tarach**	**CHAR-P-092**	Poland	Catalyst characterization incl. operando methods: experiment and theory	Comprehesive assement of coke nature formed during ethylene oligomerization - influence of structural, textural and acidic parameters	Poster, Monday, 28.8.
Enes Emre	**Taş**	**DES-P-140**	Turkey	Catalyst design, novel catalytic materials	Strategy to enhance metallic dispersion via regulation of metal-support interactions on the example of Ni/Al2O3 catalyst	Poster, Monday, 28.8.
Simon	**Teeuwen**	**DES-P-141**	Germany	Catalyst design, novel catalytic materials	Diastereoselective Synthesis of Novel Phosphine-Phosphoramidite Ligands and their Performance in Asymmetric Catalysis	Poster, Monday, 28.8.
Pascal	**Telaar**	**DES-P-142**	Germany	Catalyst design, novel catalytic materials	High-pressure pulse experiments and co-feeding of ethylene: Insight into the active sites of a prussian blue analogue-derived Mn-Co catalyst in the CO hydrogenation to higher alcohols	Poster, Monday, 28.8.
Janvit	**Teržan**	**CHAR-P-094**	Slovenia	Catalyst characterization incl. operando methods: experiment and theory	Electrified ethylene epoxidation using computationally predicted catalytic formulation	Poster, Monday, 28.8.
Max	**Tigwell**	**DES-P-143**	United Kingdom	Catalyst design, novel catalytic materials	Investigating the activity and stability of Pt/Si-doped TiO2 for total propane oxidation	Poster, Monday, 28.8.
Juliane	**Titus**	**DES-P-144**	Germany	Catalyst design, novel catalytic materials	Garnet-Type Materials as Multifunctional Catalysts in Challenging Applications of CCU	Poster, Monday, 28.8.
Pavel	**Topka**	**DES-P-145**	Czechia	Catalyst design, novel catalytic materials	Platinum nanoparticles supported on polybenzimidazole nanofiber mats: application to VOC oxidation	Poster, Monday, 28.8.
Eleonora	**Tosi Brandi**	**CO2-P-012**	Italy	CO2 valorization	Layered Double Hydroxides based catalytic systems for photoelectrochemical CO2 conversion into solar fuels and chemicals	Poster, Monday, 28.8.
Eliza	**Tóth**	**CHEM-P-015**	Hungary	Bulk chemicals and polymers	OFMSW as a potential secondary raw material for chemical recycling	Poster, Monday, 28.8.
Valérie	**Toussaint**	**DES-P-147**	Austria	Catalyst design, novel catalytic materials	Porous Tin-Organic Frameworks as a Selective Epimerization Catalyst for the Synthesis of Rare Monosaccharides	Poster, Monday, 28.8.
Takashi	**Toyao**	**CO2-P-014**	Japan	CO2 valorization	Development of multi-elemental reverse water-gas shift catalysts using extrapolative machine learning approach	Poster, Monday, 28.8.
Chinh H.	**Tran**	**CHEM-P-016**	South Korea	Bulk chemicals and polymers	Structure and Activity Relationship Studies of Double Metal Cyanide Catalyzed Ring-Opening Polymerization of Cyclic Monomers	Poster, Monday, 28.8.
Konstantinos	**Triantafyllidis**	**REF-P-014**	Greece	Refining and petrochemistry	Chemical recycling of waste P-F resins and particle boards by fast catalytic pyrolysis towards value-added chemicals and fuels	Poster, Monday, 28.8.
Monica Louise	**Trivino**	**DES-P-148**	South Korea	Catalyst design, novel catalytic materials	Electric Field-Enhanced Low-Temperature Ammonia Decomposition over RuCeO2 Nanoclusters	Poster, Monday, 28.8.
Vera	**Truttmann**	**CHAR-P-095**	Germany	Catalyst characterization incl. operando methods: experiment and theory	Combining spectroscopic online monitoring with additive manufacturing in continuous flow liquid phase processes	Poster, Monday, 28.8.
Xin	**Tu**	**CO2-P-015**	United Kingdom	CO2 valorization	Plasma-catalytic CO2 hydrogenation over a Pd/ZnO catalyst: Insights into gas-phase and surface reactions	Poster, Monday, 28.8.
Oyundari	**Tumurbaatar**	**CO2-P-016**	Bulgaria	CO2 valorization	CO2 Adsorption on the Modified Mesoporous Silicas	Poster, Monday, 28.8.
Niklas	**Unglaube**	**DES-P-149**	Germany	Catalyst design, novel catalytic materials	Self-catalyzed hydrophobing by VOC exposure of mixed-metal oxide catalyst for CO oxidation in humid conditions	Poster, Monday, 28.8.
Francesco	**Valentini**	**DES-P-150**	Austria	Catalyst design, novel catalytic materials	Alternative approach to Zeolite/Carbon composites synthesis with enhanced CO2 adsorption properties	Poster, Monday, 28.8.
Stanislav	**Valtera**	**DES-P-151**	Czechia	Catalyst design, novel catalytic materials	Switching selectivity in the oxidative dehydrogenation of cyclohexene by atomic-precision control of catalyst composition	Poster, Monday, 28.8.
Leon	**van de Water**	**CHAR-P-096**	United Kingdom	Catalyst characterization incl. operando methods: experiment and theory	Mössbauer Spectroscopy Study into Promoter Effects in Fe-Based Water-Gas Shift Catalysts	Poster, Monday, 28.8.
Youri	**van Valen**	**CHEM-P-017**	Norway	Bulk chemicals and polymers	Oxidation of Methanol to Formaldehyde over Silver Using an Annular Reactor	Poster, Monday, 28.8.
Víctor	**Varela-Izquierdo**	**DES-P-152**	France	Catalyst design, novel catalytic materials	Supported Metal-Catalyzed Polymer Modification via Hydrogenation and Hydrodechlorination reactions	Poster, Monday, 28.8.
Jorge A.	**Velasco**	**CHAR-P-097**	Finland	Catalyst characterization incl. operando methods: experiment and theory	Effect of the impregnation method on the properties of sulfided NiMo hydrotreating catalysts	Poster, Monday, 28.8.
Maria	**Ventura Sánchez-Horn**	**DES-P-153**	Spain	Catalyst design, novel catalytic materials	Selective Glucose oxidation towards Gluconic acid using a highly defective Graphitic Carbon Nitride under mild conditions	Poster, Monday, 28.8.
Jacob	**Venuti Björkman**	**REF-P-015**	Sweden	Refining and petrochemistry	Investigating mode switches in a hydrotreater through mathematical modelling	Poster, Monday, 28.8.
Tomás	**Vergara**	**CO2-P-017**	Chile	CO2 valorization	Kinetic and mechanistic study of CO2 conversion into methanol over Cu/TiO2 and Cu/SiO2 catalysts promoted by CeO2	Poster, Monday, 28.8.
Valeria	**Vermile**	**CO2-P-018**	Belgium	CO2 valorization	Supported metal oxide materials for plasma-catalytic dry reforming of methane	Poster, Monday, 28.8.
Martin	**Veselý**	**CHAR-P-098**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	Exclusive Effect Of Two-Dimensional Supports On Platinum Nanocatalyst Properties	Poster, Monday, 28.8.
Francisco	**Villagra-Soza**	**CO2-P-019**	Chile	CO2 valorization	Effect of In content on In2O3/ZrO2 catalysts for methanol synthesis via CO2 hydrogenation	Poster, Monday, 28.8.
David	**Villalgordo Hernández**	**DES-P-154**	Spain	Catalyst design, novel catalytic materials	MOF-Derived Co/N Doped Carbons for the Nitroarene Hydrogenation Reaction	Poster, Monday, 28.8.
Roberta	**Villamaina**	**CHAR-P-099**	United Kingdom	Catalyst characterization incl. operando methods: experiment and theory	A combined XAS-TRM approach for the kinetic analysis of the Standard SCR redox mechanism over Cu-CHA catalysts	Poster, Monday, 28.8.
Niko	**Virkki**	**CO2-P-020**	Finland	CO2 valorization	Alternative production path of reverse water-gas shift catalysts via solution combustion synthesis	Poster, Monday, 28.8.
Robin	**Vogel**	**CHAR-P-100**	Netherlands	Catalyst characterization incl. operando methods: experiment and theory	Operando Luminescence Thermometry of Propane Dehydrogenation Catalysis	Poster, Monday, 28.8.
Eliska	**Vyskocilova**	**CHAR-P-102**	Czechia	Catalyst characterization incl. operando methods: experiment and theory	On the basicity dermination of thermally unstable materials	Poster, Monday, 28.8.
Anna	**Wach**	**CHAR-P-103**	Poland	Catalyst characterization incl. operando methods: experiment and theory	Perspectives for in situ/operando research at the SOLARIS synchrotron in Krakow	Poster, Monday, 28.8.
Adrian	**Walkowiak**	**PUR-P-029**	Poland	Catalytic technologies for liquid or solid waste reduction or purification	The influence of ferrocene anchoring method on the reactivity and stability of SBA-15-based catalysts in degradation of ciprofloxacin via photo-Fenton process	Poster, Monday, 28.8.
Kang	**Wang**	**DES-P-155**	United Kingdom	Catalyst design, novel catalytic materials	Pickering interfacial catalysis on the particles-stabilized foams	Poster, Monday, 28.8.
Ning	**Wang**	**DES-P-156**	China	Catalyst design, novel catalytic materials	The Confinement Effect of CeO2 Nanotubes Loaded Pd in CO2 Hydrogenation to Methanol Reaction	Poster, Monday, 28.8.
Ruoyu	**Wang**	**DES-P-158**	China	Catalyst design, novel catalytic materials	Waste to Wealth: Fluid Catalytic Cracking Catalyst Synthesized from Solid-Waste Coal Gangue Minerals	Poster, Monday, 28.8.
Yeqing	**Wang**	**DES-P-159**	China	Catalyst design, novel catalytic materials	Solvent-free crystallization of ZSM-5 zeolite on SiC foam as a monolith catalyst for biofuel upgrading	Poster, Monday, 28.8.
Feng Ryan	**Wang**	**CHAR-P-003**	United Kingdom	Catalyst characterization incl. operando methods: experiment and theory	Dynamics of metal-support electron transfer: an XFEL study	Poster, Monday, 28.8.
Zhipeng	**Wang**	**CHAR-P-004**	United Kingdom	Catalyst characterization incl. operando methods: experiment and theory	In situ XAS and XES studies of Cu-CHA catalysts for Selective Catalytic Reduction (SCR) Reaction	Poster, Monday, 28.8.
André	**Wassenberg**	**PUR-P-030**	Germany	Catalytic technologies for liquid or solid waste reduction or purification	Valorization of waste materials resulting from the chemical conversion of biomass using tailormade polyoxometalate catalysts	Poster, Monday, 28.8.
Bert	**Weckhuysen**	**PUR-P-031**	Netherlands	Catalytic technologies for liquid or solid waste reduction or purification	Ion Exchange and Dealumination of Large Faujasite Crystals	Poster, Monday, 28.8.
Weizheng	**Weng**	**CHAR-P-005**	China	Catalyst characterization incl. operando methods: experiment and theory	Evolution of Chemical States of Pt during CO Oxidation over the Pt/CeO2 Dominated with Pt-O-Ce and PtOx	Poster, Monday, 28.8.
Simon	**Windels**	**PUR-P-032**	Belgium	Catalytic technologies for liquid or solid waste reduction or purification	The detoxification and revalorisation of plastic-waste extracted phthalate plasticizers into safe alternatives	Poster, Monday, 28.8.
Moritz	**Wolf**	**DES-P-160**	Germany	Catalyst design, novel catalytic materials	Bimetallic platinum rhenium catalysts for efficient low temperature dehydrogenation of perhydro benzyltoluene	Poster, Monday, 28.8.
Oliver	**Wright**	**DES-P-161**	United Kingdom	Catalyst design, novel catalytic materials	Kinetic analysis to describe Co-operative redox enhancement effects exhibited by bimetallic Au– Pd systems in aerobic oxidation	Poster, Monday, 28.8.
Haonan	**Xiang**	**DES-P-162**	China	Catalyst design, novel catalytic materials	Gold(III)-Crosslinked Single-Chain Nanoparticles as Sonogashira Reaction Recyclable Homogeneous Catalytic	Poster, Monday, 28.8.
Lifeng	**Xiao**	**DES-P-163**	United Kingdom	Catalyst design, novel catalytic materials	Controlling the chemoselectivity of 3-nitrostyrene hydrogenation by modification of the interface of Pt catalysts	Poster, Monday, 28.8.
Shanshan	**Xu**	**CO2-P-021**	United Kingdom	CO2 valorization	Non-thermal plasma catalytic CO2 hydrogenation to methanol at atomospheric pressure	Poster, Monday, 28.8.
Rong	**Xu**	**DES-P-164**	Singapore	Catalyst design, novel catalytic materials	Fabrication of Nanocatalysts using Flame Aerosol Synthesis Method	Poster, Monday, 28.8.
Yusuke	**Yamada**	**DES-P-165**	Japan	Catalyst design, novel catalytic materials	Cyano-bridged metal complexes containing lanthanoid ions as heterogeneous catalysts for organophosphate hydrolysis	Poster, Monday, 28.8.
Mingze	**Yang**	**DES-P-166**	Finland	Catalyst design, novel catalytic materials	A metal-free carbon catalyst for oxidative dehydrogenation of aryl cyclohexenes to produce biaryl compounds	Poster, Monday, 28.8.
Yilong	**Yang**	**DES-P-167**	China	Catalyst design, novel catalytic materials	An Unusual Red Carbon Nitride to Boost the Photoelectrochemical Performance of Wide Bandgap Photoanodes	Poster, Monday, 28.8.
Nevzat	**Yigit**	**DES-P-169**	Austria	Catalyst design, novel catalytic materials	Kinetic and computational studies of CO oxidation and PROX on Cu/CeO2 Nanospheres	Poster, Monday, 28.8.
Ramazan	**Yildirim**	**CO2-P-022**	Turkey	CO2 valorization	Analysis of photocatalytic CO2 reduction by machine learning	Poster, Monday, 28.8.
Begum	**Yilmaz**	**CHAR-P-006**	Netherlands	Catalyst characterization incl. operando methods: experiment and theory	Monitoring reduction process of supported Pd nanoparticles with hydrogen by operando 1H NMR spectroscopy	Poster, Monday, 28.8.
Beyza	**Yılmaz**	**CO2-P-023**	Turkey	CO2 valorization	Analysis of Catalytic CO2 Methanation by Machine Learning	Poster, Monday, 28.8.
Jihong	**Yim**	**DES-P-170**	Finland	Catalyst design, novel catalytic materials	Atomic layer deposition for catalyst preparation: the zinc acetylacetonate reaction with mesoporous zirconia and alumina	Poster, Monday, 28.8.
Krissanapat	**Yomthong**	**DES-P-171**	Thailand	Catalyst design, novel catalytic materials	Tailoring ETL/ERI Zeolite Interfaces using Renewable Silica Source for Bio-Ethylene Production	Poster, Monday, 28.8.
Takeharu	**Yoshii**	**DES-P-172**	Japan	Catalyst design, novel catalytic materials	Synthesis of ordered carbonaceous frameworks with single-atomic metal species from octaethynyl metalloporphyrin	Poster, Monday, 28.8.
Youzhu	**Yuan**	**DES-P-173**	China	Catalyst design, novel catalytic materials	Selective Hydrogenation of Ethylene Carbonates over C60-buffered Cu/SiO2 under Mild Conditions	Poster, Monday, 28.8.
Moussa	**Zaarour**	**DES-P-174**	Saudi Arabia	Catalyst design, novel catalytic materials	Understanding the Effect of Polarity, Pt Particle Size, and Confinement on the selective hydrogenation of nitrostyrene.	Poster, Monday, 28.8.
Mateusz	**Zakrzewski**	**DES-P-175**	Poland	Catalyst design, novel catalytic materials	Determination of the mechanism of poisoning the catalytic surface with chlorine originating from the support precursor	Poster, Monday, 28.8.
Marcileia	**Zanatta**	**CO2-P-025**	Spain	CO2 valorization	Direct air capture and conversion of carbon dioxide into cyclic carbonate	Poster, Monday, 28.8.
Jian	**Zhang**	**DES-P-177**	China	Catalyst design, novel catalytic materials	Enhanced oxygen reduction reaction activity of BaCe0.2Fe0.8O3-δ cathode for proton-conducting solid oxide fuel cells via Pr-doping	Poster, Monday, 28.8.
Xueping	**Zhang**	**DES-P-178**	China	Catalyst design, novel catalytic materials	Boosting of metal-support interactions between Ru with sodium titanate nanowire on the hydrogenolysis of polyolefins under mild conditions	Poster, Monday, 28.8.
Yuyan	**Zhang**	**DES-P-180**	Germany	Catalyst design, novel catalytic materials	Ru Nanoparticles Immobilized on Guanidinium-Based Supported Ionic Liquids Phases as Adaptive Hydrogenation Catalysts	Poster, Monday, 28.8.
Ruixue	**Zhao**	**DES-P-181**	Germany	Catalyst design, novel catalytic materials	Modification of zeolite confinement by extra-framework clusters promoting alkane cracking	Poster, Monday, 28.8.
Yongkun	**Zheng**	**DES-P-182**	Spain	Catalyst design, novel catalytic materials	MOF-Triggered Synthesis of Subnanometer Ag02 Clusters and Fe3+ Single Atoms: Heterogenization Led to Efficient and Synergetic One-pot Catalytic Reactions	Poster, Monday, 28.8.
Shuang	**Zong**	**DES-P-183**	South Africa	Catalyst design, novel catalytic materials	Different Dimensions of Carbon Materials for Supercapacitors	Poster, Monday, 28.8.
Tullia	**Zucca**	**DES-P-184**	Italy	Catalyst design, novel catalytic materials	Recovery of gold from melted boraxes with simultaneous production of pure BF3 Catalyst, also suitable for doping Silicon for semiconductors and Graphene	Poster, Monday, 28.8.