

Confirmed Speakers

Keynote Lectures

KL03 - Templated Synthesis of Porous HEA-Based Materials

Dr Marco FAUSTINI
(SORBONNE UNIVERSITÉ, Paris, France)

KL02 - Exploring the 3D Printing of Molybdenum Carbide-Based Catalysts in the Reverse Water Gas Shift Reaction

Dr Arturo PAJARES
(VITO, Mol, Belgium)

KL01 - Advanced Preparation of Metal-Acid Bifunctional Catalysts to Control Metal Nanoparticle Location

Mr Luc SMULDERS
(UNIVERSITEIT UTRECHT, Utrecht, The Netherlands)

KL04 - Tailored Preparation of ZnOx of Species over Different Supports for Efficient Propane Dehydrogenation

Dr Dan ZHAO
(KARLSRUHE INSTITUTE OF TECHNOLOGY (KIT), Eggenstein-Leopoldshafen, Germany)

Oral Communications

OC12 - Mechanochemical Approach for the Preparation of Technical Catalysts

Ms Luisa ACEVEDO
(INDUSTRIAL UNIVERSITY OF SANTANDER, Bucaramanga, Colombia)

OC33 - Impact of Molybdenum Introduction Imbedded in TiO₂ Nanotubes on MoS₂ Phase Nature

Ms Limor BEN NEON
(LABORATOIRE CATALYSE ET SPECTROCHIMIE, Caen, France)

OC10 - Intermetallic Silicides as Hydrodesulfurization Catalysts

Prof. Xiao CHEN
(DALIAN UNIVERSITY OF TECHNOLOGY, Dalian, China)

OC25 - Automated, Standardized and High-Throughput, Closed Loop Approaches for Catalyst Development Processes

Dr Arunraj CHIDAMBARAM
(CHEMSPEED TECHNOLOGIES AG, Füllinsdorf, Switzerland)

OC17 - Tuning Ni-Co Localization Within Binary Nanoparticles Toward Enhanced Performance Over Dry Reforming of Methane

Dr Carmen CIOTONEA
(ECOLE D'INGÉNIEURS LITTORAL COTE D'OPALE (EILCO)- CNRS, Dunkerque, France)

OC22 - The Role of Thermal Treatments in the Evolution of Active Phases in V/P/O Catalysts for N-Butane Selective Oxidation to Maleic Anhydride

Ms Ludovica CONTE
(ALMA MATER STUDIORUM- UNIVERSITY OF BOLOGNA, San Maurizio Canavese, Italy)

OC01 - Combined Kinetic and Thermodynamic Models to Rationalize the Tunable Surface Reactivity of Precipitated Hydroxyapatites

Dr Guylene COSTENTIN
(SORBONNE UNIVERSITY, Paris, France)

OC27 - How to Adjust the Molybdenum Multi-Scale Organization of a CoMoP/Al₂O₃ Catalyst by Playing on the Different Synthesis Steps?

Confirmed Speakers

Mrs Candice COTTREZ
(IFPEN, Solaize, France)

OC23 - Solvent-Free Alternative to Co-Precipitation in the Preparation of Tertiary CuMgAlO_x Metal Oxides

Mr Davey DE WAARD
(TECHNISCHE UNIVERSITEIT EINDHOVEN, Eindhoven, The Netherlands)

OC14 - Impact of Preparation Parameters on Mo Speciation in CoMoP/ Al₂O₃ HDS Catalysts Monitored by in Situ Hyperspectral XAS Imaging and Raman Spectroscopy

Dr Elodie DEVERS
(IFPEN, Solaize, France)

OC19 - Manipulation of Zeolite Crystallization and Thermal Activation for C-H Activation Catalysts

Dr Julien DEVOS
(KU LEUVEN, Leuven, Belgium)

OC26 - Facile Fabrication of Au/SiO₂ Nanostructures from 1D to 3D Nanotubes Network Using Polycarbonate Membranes

Dr Fabien DRAULT
(UCLOUVAIN, Louvain-la-Neuve, Belgium)

OC20 - Synthesis of Hybrid Materials Containing H-ZSM-5 and CeO₂ for Green Butadiene Production

Ing Loïc ELOI
(UNIVERSITY OF GHENT, Gent, Belgium)

OC31 - Tuning Ni/MgO-Al₂O₃ Catalysts via Precursor Complexation at Different Ph to Boost the Activity and Stability for Dry Reforming of CH₄

Mr Santiago GONZALEZ
(LIKAT, Rostock, Germany)

OC06 - Synthesis of Heterogeneous Catalysts by Humid Air Glidarc Plasma

Ing Fanny HANON
(UCLOUVAIN, Louvain-La-Neuve, Belgium)

OC32 - Effect of Template Size on Phase Purity of High Surface-Area γ-Alumina

Ms Claudia KEIJZER
(UTRECHT UNIVERSITY, Utrecht, The Netherlands)

OC04 - Comparing Wet-Chemistry and Gas-Phase Approaches for the Synthesis of Pd Catalyst Supported on ZnO Nanoparticles

Mr Andrija KOKANOVIC
(FACULTY OF CHEMISTRY, UNIVERSITY OF BELGRADE, Belgrade, Serbia)

OC05 - Focused Ion Beam and Catalyst Preparation for in Situ Gas Analysis in the TEM

Dr Nynke KRANS
(PROTOCHIPS, Utrecht, The Netherlands)

OC35 - 3D Printing of Catalyst: from Gram to Ton Scale

Dr Jasper LEFEVERE
(VITO, Mol, Belgium)

OC24 - Comparison of Hybrid Acid Catalysts Prepared by One-Pot Synthesis and Via Grafting of Trimethylsilyl Groups into Aluminosilicates Synthesized by Non-Hydrolytic Sol-Gel

Ms Lucie LEONOVA
(MASARYK UNIVERSITY, FACULTY OF SCIENCE, Brno, Czech Republic)

OC16 - Tailored Synthesis of Transition-Metallosilicates for the Conversion of Biomass-Derived Dihydroxyacetone to Alkyl Lactates? An Aerosol Assisted Sol-Gel Approach

Confirmed Speakers

Dr Ali shan MALIK
(NAMUR UNIVERSITY, Namur, Belgium)

OC34 - Preparation of SiO₂-Supported Ni-Fe Nanoparticles Exhibiting a Fe Gradient for the Hydrogenation of Sugars in Water

Dr Eric MARCEAU
(UNIVERSITÉ DE LILLE, Villeneuve d'Ascq , France)

OC02 - Shaping of Porous CeO₂ Powders into Highly Active Catalyst Carriers

Dr Elena MARTÍN MORALES
(INSTITUTE FOR RESEARCH IN ENERGY OF CATALONIA (IREC), Sant Adrià del Besòs, Spain)

OC09 - Direct Valorization of Recycled Palladium as Heterogeneous Catalysts for Total Oxidation of Methane

Mr Michael MARTIN ROMO Y MORALES
(ICSM/SAINT-GOBAIN, Bagnols sur Cèze , France)

OC15 - Membrane-Immobilized Transaminase for an Intensified Enantioselective Production of Chiral Amines

Ing Hippolyte MEERSSEMAN
(UCLOUVAIN, Louvain-La-Neuve, Belgium)

OC08 - Innovative Controlled Incipient Wet Impregnation for V in Microporous Catalysts without Organics and their Application in CO₂ Valorisation

Dr Jose MENDOZA MESA
(KU LEUVEN, Heverlee, Belgium)

OC03 - Successful Development of a Taylor-Made Catalyst System for Linde's EDHOXtm Technology

Dr Gerhard MESTL
(CLARIANT, Bruckmühl, Germany)

OC18 - Flame Spray Pyrolysis for Improved Dispersion of FeNi Doped Ceria

Ms Alexandra RADU
(EINDHOVEN UNIVERSITY OF TECHNOLOGY, Eindhoven , The Netherlands)

OC11 - Preparation of Supported Liquid Metal Alloys for Dimerization Catalysis

Mr Yousuf RAED RAMZI
(FRIEDRICH-ALEXANDER-UNIVERSITÄT, Erlangen, Germany)

OC29 - From Deposited Metal Precursors to Supported Atoms or Nanoparticles

Prof. John REGALBUTO
(UNIVERSITY OF SOUTH CAROLINA, Columbia, United States)

OC07 - Application of Simplex Synthesis Optimization Method to Improve the Specific Surface Area and Performance of g-C₃N₄

Mr Matevz ROSKARIC
(NATIONAL INSTITUTE OF CHEMISTRY, Ljubljana, Slovenia)

OC30 - Enhancing the Activity of Metal Organic Frameworks as Heterogeneous Catalyst Materials Through Synthetic Modifications: Exploring the Structure-Activity Relationship

Ms Charlotte SIMMS
(KU LEUVEN, Leuven, Belgium)

OC28 - In-Situ Promoted Segregation of Copper from Copper Ferrites: The Formation of an Alternative Active Phase for Long-Chain Alcohols ODH

Dr Tommaso TABANELLI
(UNIVERSITY OF BOLOGNA, Bologna, Italy)

OC13 - Si-Al Nanospheres for the Valorization of Galactose and Agarose Into 5-Hydroxymethylfurfural

Confirmed Speakers

Mr Benjamin TORRES-OLEA
(UNIVERSITY OF MÁLAGA, Málaga, Spain)

OC21 - Preparation of Potassium Titanate Fine Crystal Photocatalysts by An Alkoxide Method for Carbon Dioxide Reduction with Water

Prof. Hisao YOSHIDA
(KYOTO UNIVERSITY, Kyoto, Japan)