

## 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 ver 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<sub>x</sub> Metal Oxides**

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

### **OC14 - Impact of Preparation Parameters on Mo Speciation in CoMoP/ Al<sub>2</sub>O<sub>3</sub> 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/SiO<sub>2</sub> 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 CeO<sub>2</sub> for Green Butadiene Production**

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

### **OC31 - Tuning Ni/MgO-Al<sub>2</sub>O<sub>3</sub> Catalysts via Precursor Complexation at Different Ph to Boost the Activity and Stability for Dry Reforming of CH<sub>4</sub>**

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 $\gamma$ -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**

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

### **OC34 - Preparation of SiO<sub>2</sub>-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 CeO<sub>2</sub> 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 CO<sub>2</sub> 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-C<sub>3</sub>N<sub>4</sub>**

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

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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)