Confirmed Speakers

**Plenary lecture**

**IL01 - When Heterogeneous Catalysis Drives Innovation in Fuel Cell Electrocatalysis**

Prof. Marian CHATENET  
(LABORATORY OF ELECTROCHEMISTRY AND PHYSICAL CHEMISTRY OF MATERIALS AND INTERFACES, LEPMI, GRENOBLE-INP, Grenoble, France)

**Keynote Speakers**

**KL03 - Innovative Synthesis of Nanostructured Composite Materials by a Spray-Freeze Drying Process: Efficient Catalysts and Photocatalysts Preparation**

Prof. Stefania ALBONETTI  
(UNIVERSITÀ DI BOLOGNA, Bologna, Italy)

**KL01 - Preparation Of Pb-Free Pd-Catalysts for Continuous Semi-Hydrogenation of Alkynes in Vitamin Production**

Dr Jonathan MEDLOCK  
(DSM NUTRITIONAL PRODUCTS, Basel, Switzerland)

**KL02 - Advanced Transmission Electron Microscopy for Real-time Studies of Catalyst Preparation**

Dr Jovana ZECEVIC  
(UNIVERSITEIT UTRECHT, Utrecht, The Netherlands)

**Oral Communications**

**OC17 - Preparation of Calcium Titanate Photocatalysts for Reduction of Carbon Dioxide**

Mr Akihiko ANZAI  
(KYOTO UNIVERSITY, Kyoto, Japan)

**OC11 - Triggering Catalytic Ignition of Ammonium Dinitramide-Based Monopropellants at Reduced Temperature: From Powdered to 3D-Printed Monolithic Catalysts**

Dr Yann BATONNEAU  
(UNIVERSITE DE POITIERS, Poitiers, France)

**OC20 - The Role of the Metal Complex - Support Interaction in the Formation of Platinum Properties In Pt/Al(Mg)O Catalysts**

Dr Olga BELSKAYA  
(IHP SB RAN, Omsk, Russia)

**OC26 - Preparation of Zeolite-Alumina Nanocomposites by Heterocoagulation and their Application as Support for Bifunctional Acid-Metal Catalysis**

Dr Juliette BLANCHARD  
(UNIVERSITE PIERRE ET MARIE CURIE, Paris, France)

**OC08 - Materials with Oriented Hierarchical Porosity as Catalyst Supports**

Ms Alejandra BUENO  
(IRCELYON, Lyon, France)

**OC28 - Hydrothermal Stability of Alumina : Role of Inorganic Dopants and Identification of Reactive Sites**

Prof. Xavier CARRIER  
(UNIVERSITE PIERRE ET MARIE CURIE, Paris, France)

**OC03 - Selective Catalytic Oxidation over Au-Pd/Titanate Nanotubes and the Influence of the Catalyst Preparation Method on the Activity**

Prof. David CHADWICK  
(IMPERIAL COLLEGE LONDON, London, United Kingdom)
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<td>Preparation of Transition Metal(Oxide) Nanoparticles Confined in the Second Pore Network of Mesoporous Scaffolds Using Melt Infiltration</td>
<td>Dr Carmen CIOTONEA</td>
<td>UNIVERSITY OF LILLE, Villeneuve d'Ascq, France</td>
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<td>Influence of the Oxygen Storage Capacity of Mesoporous Doped CeO2 on the Catalytic Activity in the HCl Oxidation</td>
<td>Mr Pascal COP</td>
<td>JUSTUS-LIEBIG-UNIVERSITY GIESSEN, Giessen, Germany</td>
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<td>Impact of the Preparation Of V-Modified Hydroxyapatites on the Oxidative Dehydrogenation of Propane Reaction: Synergistic Effects</td>
<td>Dr Guylène COSTENTIN</td>
<td>SORBONNE UNIVERSITÉ, LABO. DE RÉACTIVITÉ DE SURFACE ET STRUCTURE, Paris, France</td>
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<td>Catalytic Activation of All-Silica COK-14 through Alumination via Atomic Layer Deposition and a Novel Wet Ball Milling Technique</td>
<td>Ing Michiel DE PRINS</td>
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<td>Ms Coralie DEMARET</td>
<td>IFP ENERGIES NOUVELLES, Solaize, France</td>
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<td>Synthesis of Platinum Nanoparticles and 3D Porous Nanostructures Using Atomic Layer Deposition</td>
<td>Dr Jolien DENDOOVEN</td>
<td>GHENT UNIVERSITY, Gent, Belgium</td>
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<td>Dr Elodie DEVERS</td>
<td>IFPEN, Solaize, France</td>
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<td>Dr Philippe ELIAERS</td>
<td>CERTECH, Seneffe, Belgium</td>
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<td>Why Don’t we Follow the Calcination and Reduction Stages of PD Nanocatalysts Supported on Alumina In Situ Directly in an Environmental Transmission Electron Microscope?</td>
<td>Prof. Thierry EPICIER</td>
<td>UNIVERSITY OF LYON, Villeurbanne, France</td>
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<td>OC23</td>
<td>Precision Preparation and Rational Molecular Engineering of Multifunctional Supported Catalysts</td>
<td>Mr Antony FERNANDES</td>
<td>UNIVERSITÉ CATHOLIQUE DE LOUVAIN, Louvain-la-Neuve, Belgium</td>
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<td>OC01</td>
<td>Variation of the Proximity Between Active Sites in Bifunctional Catalysts Applied to Dispersed Platinum Nanoparticles Supported on Chlorine Doped Gamma-Alumina</td>
<td>Ms Ana Teresa FIALHO BATISTA</td>
<td>IFP ENERGIES NOUVELLES, Solaize, France</td>
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<td>OC14</td>
<td>Development of Low Nickel Content Powder and Structured Catalysts for Dry Reforming of Methane</td>
<td>Mr Quan Luu Manh HA</td>
<td>LEIBNIZ INSTITUTE FOR CATALYSIS, Rostock, Germany</td>
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Confirmed Speakers

OC02 - Preparation of Mesoporous Aluminosilicate Nanofibers with Low Si/Al Ratio as Catalyst for Hydrotreatment of Bio-Oil

Mr Tommy HAYNES
(UNIVERSITY OF LOUVAIN, Louvain-la-Neuve, Belgium)

OC12 - The Development of a 3D-Printed Stainless Steel Catalytic Oxidation Reactor

Dr Jacco HOEKSTRA
(KMWE, Eindhoven, The Netherlands)

OC05 - A Core-Shell Structured Ni-Fe Bifunctional Nanomaterial For Catalyst-Assisted Chemical Looping

Mr Jiawei HU
(GHENT UNIVERSITY, Ghent, Belgium)

OC09 - Up-Scaling the Production of Nanomaterials with Customized Properties Using Continuous Supercritical Flow Synthesis

Dr Christian KALLESQ
(DANISH TECHNOLOGICAL INSTITUTE, Taastrup, Denmark)

OC04 - Tailoring Particle Size in Cobalt and Cobalt-Manganese Based Fischer Tropsch Catalysts

Mr Tobias KIMPEL
(EINDHOVEN UNIVERSITY OF TECHNOLOGY, Eindhoven, The Netherlands)

OC10 - 3D-Printing of Catalytic Structured Materials

Dr Jasper LEFEVERE
(VITO, Mol, Belgium)

OC34 - Cold Plasma for Catalyst Preparation: How Does It Work?

Prof. Changjun LIU
(TIANJIN UNIVERSITY, Tianjin, China)

OC29 - Grafting Chemistry as a Tool to Understand Wet Impregnation Synthesis of Supported Metal Oxides

Ms Alyssa LOVE
(UNIVERSITY OF WISCONSIN-MADISON, Madison, United States)

OC16 - Bimetallic Fe-Ni/SiO2 Catalysts: Identification of the Interplay Between Fe and Ni During the Preparation of Well-Defined Fe-Ni Nanoparticles

Dr Eric MARCEAU
(IVERSITE LILLE 1, Villeneuve d'Ascq, France)

OC18 - Preparation of Ni-Ga Bimetallic Catalysts by Water-in-Oil Microemulsions for Methanol Synthesis via CO2 Hydrogenation

Ms Paulina MELO BRAVO
(IVERSITAR DE CONCEPION, Concepcion, Chile)

OC33 - Development of Continuous Method of Electroless Deposition for Preparation of Supported Bimetallic Catalysts

Prof. John MONNIER
(IVERSITARY OF SOUTH CAROLINA, Columbia, United States)

OC35 - Electrostatic Adsorption of Metal Precursors for the Preparation of Highly Dispersed Heterogeneous Catalysts

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

OC24 - Purely Lewis Acidic Aluminosilicates with Well-Defined Single Sites
Dr Ales STYSKALIK
(UNIVERSITY OF MAZARYK, Louvain-la-Neuve, Belgium)

OC31 - New Synthesis Route of Heterogeneous Oxide Catalysts Based on the Use of Gliding Arc Atmospheric Plasma Discharge

Dr Antoine TIYA DJOWÉ
(UNIVERSITY OF YAOUNDÉ (CAMEROON) & UNIVERSITÉ CATHOLIQUE DE LOUVAIN, Louvain-la-Neuve, Belgium)

OC27 - Control of Alumina Textural Properties by Nanorods Morphology and Organization

Ms Audrey VALETTE
(IFP ENERGIES NOUVELLES, Solaize, France)

OC21 - The Influence of MAO Loading and Distribution on the Catalytic Performance of the Heterogenized Metallocene Olefin Polymerization Catalyst

Ms Marjolein VELTHOEN
(UTRECHT UNIVERSITY, Utrecht, The Netherlands)