PREPA12

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
(UNIVERSITÉ 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
(UNIVERSITÉ 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
(UNIVERSITÉ 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)

Confirmed Speakers

OC06 - Preparation of Transition Metal(Oxide) Nanoparticles Confined in the Second Pore Network of Mesoporous Scaffolds Using Melt Infiltration

Dr Carmen CIOTONEA
(UNIVERSITY OF LILLE, Villeneuve d'Ascq, France)

OC07 - Influence of the Oxygen Storage Capacity of Mesoporous Doped CeO2 on the Catalytic Activity in the HCl Oxidation

Mr Pascal COP
(JUSTUS-LIEBIG-UNIVERSITY GIESSEN, Giessen, Germany)

OC15 - Impact of the Preparation Of V-Modified Hydroxyapatites on the Oxidative Dehydrogenation of Propane Reaction: Synergistic Effects

Dr Guylène COSTENTIN
(SORBONNE UNIVERSITÉ, LABO. DE RÉACTIVITÉ DE SURFACE ET STRUCTURE, Paris, France)

OC30 - Catalytic Activation of All-Silica COK-14 through Alumination via Atomic Layer Deposition and a Novel Wet Ball Milling Technique

Ing Michiel DE PRINS
(KU LEUVEN, Heverlee, Belgium)

OC25 - Zeolite Shaping: Control of the Zeolite Acid Properties and Description of the Zeolite/Binder Interface

Ms Coralie DEMARET
(IFP ENERGIES NOUVELLES, Solaize, France)

OC32 - Synthesis of Platinum Nanoparticles and 3D Porous Nanostructures Using Atomic Layer Deposition

Dr Jolien DENDOOVEN
(GHENT UNIVERSITY, Gent, Belgium)

OC22 - Hydrotreating Catalyst Supported on Alumina Coated with Bio-Inspired Polymers

Dr Elodie DEVERS
(IFPEN, Solaize, France)

OC13 - Advanced Reactors for the Continuous Synthesis of Inorganic Particles

Dr Philippe ELIAERS
(CERTECH, Seneffe, Belgium)

OC19 - 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?

Prof. Thierry EPICIER
(UNIVERSITY OF LYON, Villeurbanne, France)

OC23 - Precision Preparation and Rational Molecular Engineering of Multifunctional Supported Catalysts

Mr Antony FERNANDES
(UNIVERSITÉ CATHOLIQUE DE LOUVAIN, Louvain-la-Neuve, Belgium)

OC01 - Variation of the Proximity Between Active Sites in Bifunctional Catalysts Applied to Dispersed Platinum Nanoparticles Supported on Chlorine Doped Gamma-Alumina

Ms Ana Teresa FIALHO BATISTA
(IFP ENERGIES NOUVELLES, Solaize, France)

OC14 - Development of Low Nickel Content Powder and Structured Catalysts for Dry Reforming of Methane

Mr Quan Luu Manh HA
(LEIBNIZ INSTITUTE FOR CATALYSIS, Rostock, Germany)

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 KALLESOE
(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
(UNIVERSITÉ 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
(UNIVERSIDAD DE CONCEPCION, Conception, Chile)

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

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

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

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

OC24 - Purely Lewis Acidic Aluminosilicates with Well-Defined Single Sites

Confirmed Speakers

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)