

Confirmed Speakers

Extended Oral Communications

EOC03 - Templated Synthesis of Porous HEA-Based Materials

Dr Maria Letizia DE MARCO
(LABORATOIRE DE CHIMIE DE LA MATIERE CONDENSEE DE PARIS, Paris, France)

EOC02 - Exploring the 3D Printing of Molybdenum Carbide-Based Catalysts in the Reverse Water Gas Shift Reaction

Dr Arturo PAJARES
(VITO, Mol, Belgium)

EOC01 - Advanced Preparation of Metal-Acid Bifunctional Catalysts to Control Metal Nanoparticle Location

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

EOC04 - 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

Mechanochemical Approach for the Preparation of Technical Catalysts

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

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

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

Intermetallic Silicides as Hydrodesulfurization Catalysts

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

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

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

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)- ULCO, Dunkerque, France)

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)

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

Dr Guylene COSTENTIN
(SORBONNE UNIVERSITY, Paris, France)

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)

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)

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)

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

Dr Julien DEVOS
(KU LEUVEN, Leuven, Belgium)

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

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

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

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

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)

Synthesis of Heterogeneous Catalysts by Humid Air Glidarc Plasma

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

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

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

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)

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

Dr Nynke KRANS
(PROTOCHIPS, Utrecht, The Netherlands)

3D Printing of Catalyst: from Gram to Ton Scale

Dr Jasper LEFEVERE
(VITO, Mol, Belgium)

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)

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

Confirmed Speakers

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

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)

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)

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

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

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)

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

Dr Gerhard MESTL
(CLARIANT, Bruckmühl, Germany)

Flame Spray Pyrolysis for Improved Dispersion of FeNi Doped Ceria

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

Preparation of Supported Liquid Metal Alloys for Dimerization Catalysis

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

From Deposited Metal Precursors to Supported Atoms or Nanoparticles

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

Reaction-Based Analysis of the Evolution of the Surface During Synthesis of Pd-Zn Intermetallic Catalysts

Prof. Robert RIOUX
(PENNSYLVANIA STATE UNIVERSITY, University Park, United States)

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)

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)

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

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

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

Confirmed Speakers

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