

8th Edition of Global Conference on
**Catalysis, Chemical
Engineering & Technology**

September 27-29, 2021 | Online Event

TENTATIVE PROGRAM

Theme: Exploring the advances and challenges in Catalysis and Chemical Engineering

| Email: catalysiscongress@magnusgroupllc.com

| Website: <https://catalysis-conferences.magnusgroup.org/>

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Keynote Presentations

Title: Electrification of chemical engineering: A new way for intensifying chemical processes

Eugenio Meloni, University of Salerno, Italy

Title: Process simulation of in situ catalytic fuel upgrade in aqueous media

Nikolaos C. Kokkinos, International Hellenic University, Greece

Title: Lattice reactions and chemical factors governing shape reversibility in shape memory alloys

Osman Adiguzel, Firat university, Turkey

Title: Optimization of Experiments for Heterogeneous Reactor Processes

Mirosław Szukiewicz, Rzeszów University of Technology, Poland

Oral Presentations

Title: The mechanism of the vitamin B12 active forms catalytic processes in human body

Tudor Spataru, Columbia University, USA

Title: Ab initio tools for upgrading of biomass and production of biofuels

Michael Badawi, University of Lorraine, France

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Title: Pt-free Fe-N-C catalysts for the ORR in HT-PEMFC – Investigation of carbon black- based Fe-N-C and commercial Fe-N-C

Julia Muller Hulstede, DLR – Institute of Engineering Thermodynamics, Germany

Title: Biocatalysis in search of effective anticancer agents – A novel sugar esters based on polyhydroxyalkanoate monomers

Wojciech Snoch, Polish Academy of Sciences, Poland

Title: Enhancing the stability of Co Fischer-Tropsch catalysts with boron promotion

Adrian Tan Kong Fei, Curtin University, Malaysia

Title: Natural carbon materials for sodium-ion batteries

Marita Piglowska, Poznan University of Technology, Poland

Title: Transferase enzymes used in drug synthesis

Ozlem Alptekin, University of Cukurova, Turkey

Title: Packed and fluidized beds for elemental mercury adsorption

Pragati Shukla, Bhabha Atomic Research Centre, India

Title: The influence of temperature and presence of organic sulfur R-S-H on the separation degree of organic solids from wastewater

Petru Spataru, Institute of Chemistry, Republic of Moldova

Title: Sustainable heterogeneous catalysts for arylation of arenes via C-H and C-O bond activation

G. Satishkumar, Vellore Institute of Technology, India

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Title: BODIPY dyes in light driven catalysis

Seda Cetindere, Gebze Technical University, Turkey

Title: Enhancement of CO₂ performance with incorporation of amino-functionalized filler in mixed matrix membrane

Mridusmita Barooah, National Institute of Technology, India

Title: Development of cost effective catalytic systems for total oxidation of VOCs by by products

Silviya Vasileva Boycheva, Technical University of Sofia, Bulgaria

Title: Improving catalytic activity and stability over mordenite for dimethyl ether carbonylation: Effect of selective acid sites removal

Wang Xiaosheng, China University of Petroleum-Beijing, China

Title: DFT study of catalytic hydrodeoxygenation of furan and derivatives on different metallic edge of MoS₂

Wilfried G. Kanhounon, Universite d'Abomey-Calavi, Benin

Title: Application of biophotocatalytic system for CO₂ mitigation in anerobic biogas production

Emmanuel Kweinor Tetteh, Durban University of Technology, South Africa

Oral Presentation slots available

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Poster Presentations

Title: Dehydroisomerisation of α -pinene and limonene to p -cymene catalysed by metal oxides in the gas phase

Aliyah Abdullah Alsharif, University of Liverpool, United Kingdom

Title: Study of the possibility of using catalysts based on iron-ore concentrate in the decomposition of methane

Gaukhar Yergaziyeva, Institute of Combustion Problems, Kazakhstan

Title: A mild and simple approach to the α -perfluoroalkenylation of aldehydes by photocatalysis using phosphines

Christian Wulkesch, Heinrich-Heine-Universität Düsseldorf, Germany

Title: Conversion of ethanol over copper catalysts on rice husk

Gaukhar Yergaziyeva, Institute of Combustion Problems, Kazakhstan

Poster Presentation slots available

QUERIES? CONTACT

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