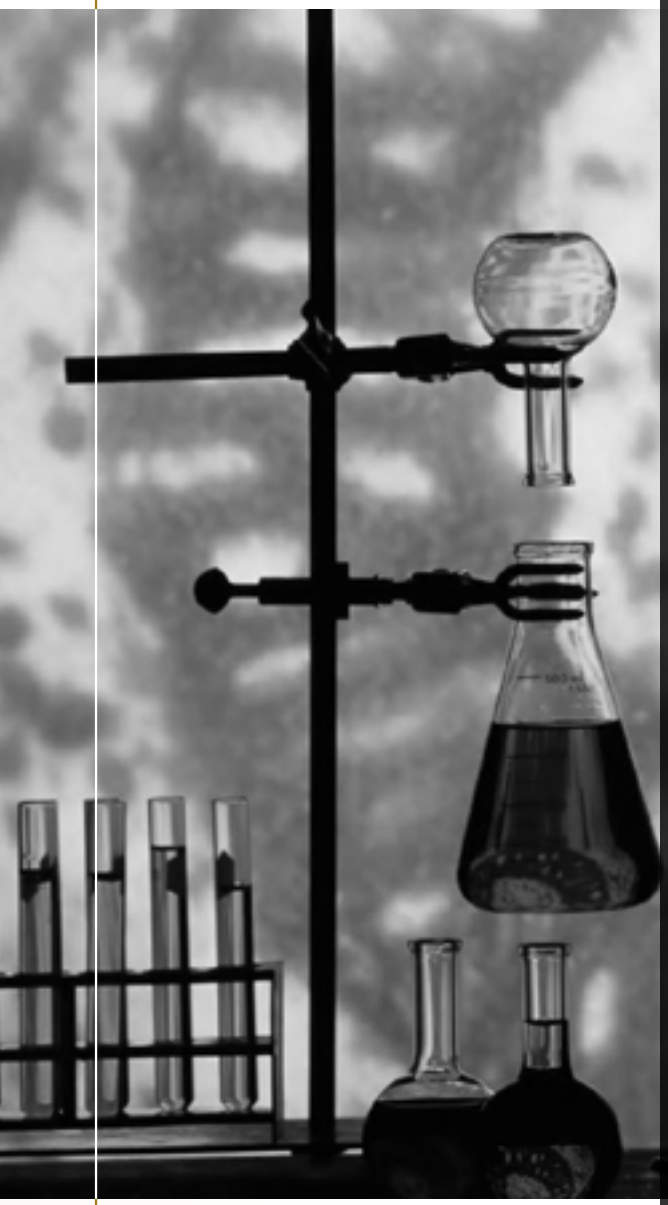
magnus Group

TENTATIVE PROGRAM



10TH EDITION OF GLOBAL CONFERENCE ON

CATALYSIS, CHEMICAL ENGINEERING AND TECHNOLOGY

MARCH 28-30, 2022

ONLINE EVENT

Contact us:

Ph: 1 (702) 988-2320 I Whatsapp: +1 (440) 941-2981

Email: catalysis-chem@magnusconference.com

Website: https://catalysis.magnusconferences.com/

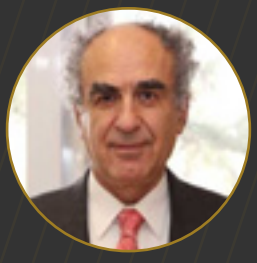
CCET 2022

SCIENTIFIC COMMITTEE MEMBERS

ALEXANDER G RAMM
Kansas State University, United States

FRANCISCO ZAERA
University of California, United States

STANISLAW DZWIGAJ
Sorbonne University, France



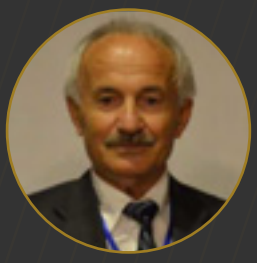
SAIM OZKAR
Middle East Technical University, Turkey

SCIENTIFIC TOPICS

- Catalysis and Porous Materials
- Catalysis for Energy
- Photochemistry, Photobiology and Electrochemistry
- Catalysis for renewable sources
- Chemical Kinetics and Catalytic Activity
- Catalysis and Applications
- Homogeneous catalysis, Molecular Catalysis
- Catalysis for Biorefineries
- Chemical Engineering
- Heterogeneous Catalysis
- Advances in Catalysis and Chemical Engineering
- Reaction Chemistry and Engineering
- Catalysis in Nanotechnology
- Industrial Catalysis and Process Engineering
- Environmental Catalysis
- Advanced synthesis, Catalytic systems and new catalyst designing
- Biocatalysis and Biotransformation
- Catalytic Materials
- Organometallics, Organocatalysis and Bioinorganic Chemistry
- Surface Chemistry: Colloid and Surface

CCET 2022

SCIENTIFIC COMMITTEE MEMBERS



OSMAN ADIGUZEL
Firat University, Turkey

BUXING HAN
Chinese Academy of Sciences, China

DONG PYO KIM
Pohang University of Science and Technology,
Korea, Republic of

AHMET HAXHIAJ
University of Mitrovca, Kosovo

SCIENTIFIC TOPICS

aspects

- Computational Catalysis
- Enantioselective catalysis
- Chemical Synthesis and Catalysts Synthesis
- Fluid Mechanics
- Micro-emulsion Catalysis and Catalytic Cracking
- Macrocyclic and Supramolecular chemistry
- Integrated Catalysis
- Plasma Catalysis
- Enzymes, Coenzymes and Metabolic Pathways
- Nuclear Chemistry/Radiochemistry
- Separation Processes in Chemical Technology
- Petrochemical Engineering
- Green and Sustainable Chemistry
- Analytical Methodologies
- Microbial Technology
- Mechanisms of Microbial Transcription

For more Topics:
https://catalysis.magnusconferences.com/program/scientific-sessions

Speaker	Presentation Title
Keynote Presentations	
Alexander G. Ramm Kansas State University, United States	Title: Solutionof the millennium problem concerning the Navier-Stokes equations
Francisco Zaera University of California, United States	Title: New Nanostructures for Increased Selectivity and Stability in Catalysis
Byong H Lee Department of Microbiology/Immunology, Canada	Title: Biocatalysis of fermentation derived probiotic enzymes and their commercial applications
Stanislaw Dzwigaj Sorbonne University, France	Title: Chemical Engineering of Metal Single-Site Zeolites for Application in Heterogeneous Catalysis
Saim Ozkar Middle East Technical University, Turkey	Title: How to increase the catalytic efficacy of platinum-based nanocatalysts for hydrogen generation from the hydrolysis of ammonia borane
Osman Adiguzel Firat University, Turkey	Title: Crystallographic Basis of Thermal and Mechanical Memory in Shape Memory Alloys
Doina Elena Gavrila Polithenica University of Bucharest, Romania	Title: Advanced composite materials with polymer matrix / metallic powders
Buxing Han Chinese Academy of Sciences, China	Title: Conversion of Biomass and CO2 into Valuable Chemicals and Fuels
Dong-Pyo Kim Pohang University of Science and Technology, Korea, Republic of	Title: Scalable Subsecond Synthesis of Drug Scaffolds by Numbering-up 3D-Printed Metal Microreactor
Alejandro Morales Bayuelo University of Sinu, Colombia	Title: New insights about electronic mechanism of electrocyclic reactions: theoretical study about stereoselectivity in cyclobutenes
Ahmet Haxhiaj University Of Mitrovca, Kosovo	Title: Benefit of Management of Zinc Concentrates in Trepca
Saroj Kumar Singh Materials Technology Department, India	Title: Metal oxide modified Silicon Carbide nanocomposites
Oral Presentations	
Haimei Xu Macquarie University, Australia	Title: Mesoporous zirconium oxophosphate catalyzed phenylglyoxal conversion

Carina B Maliakkal Karlsruher Institute of Technology, Germany	Title: Layer growth dynamics in compound nanowires studied by in-situ microscopy
Rahat Javaid National Institute of Advanced Industrial Science and Technology, Japan	Title: Synergistic effect of Ru/CeO2/MgO catalyst on ammonia synthesis
Mohammed M Bettahar Lorraine University, France	Title: The Hydrogen Spillover Effect. Fundamental Aspects
Jie Xu INSA Rouen Normandie, France	Title: Biobased Novolac resins cured with DGEBA using water-insoluble fraction of wood pyrolysis bio-oil: Synthesis and characterization
Ashiff Khan Saudi Aramco, Saudi Arabia	Title: Big Data and Competencies Required in Chemical Industry
Md Nurul Islam Siddique University Malaysia Terengganu, Malaysia	Title: Application of additional nutrients on Bio-methane generation from anaerobic digestion of agricultural waste: Viability & Fertilizer recovery
Zou Cunhu Southwest Petroleum University, China	Title: A Self-Healing PAM/CMHPG System for Unconventional Reservoir Stimulation
Muhammad Shafi Shandong Normal University, China	Title: Highly Sensitive and Recyclable Surface-enhanced Raman Scattering (SERS) substrates based on Photocatalytic activity of ZnSe Nanowires
Ying-xian Ma Southwest Petroleum University, China	Title: Double network weighted fracturing fluid based on chemical
Orlando Armando Elguera Ysnaga Institute of Chemistry of São Carlos, Brazil	Title: Review of Research Topics for Scaling-up of Sonochemical Reactors
Rommel Hans Ortiz Guzman National University of San Marcos, Peru	Title: Evaluation by simulation of the reactor design to obtain urea from natural gas
Ashanendu Mandal University Of Calcutta, India	Title: Adsorptive removal of toxic phenol from industrial wastewater to reduce water pollution
Sudip Kumar Das Chemical Engineering Department, India	Title: Scale-up Design for adsorption process
Vamsi Vikram Gande Department of Chemical Engineering, India	Title: Continuous synthesis and separation of silver nanoparticles using aqueous two phase systems in milli channels
T. Shiyani Asiatic Institute of Science & Technology, India	Title: Solar photoelectrochemical energy conversion
Mridusmita Barooah Department Of Chemical Engineering, (NIT), India	Title: High performance gas separation studies by membrane technology

Neha Choudhary IIT INDORE, India	Title: New Mechanistic Pathways for Direct Carboxylation by Employing CuNi Bimetallic Nanocatalyst
Arvind Kumar Yadav B. R. D. P. G. College, India	Title: Visible Light Triggered beta-Allylation of Indoles Using Baylis-Hillman Bromides
Pavan More Institute of Chemical technology, India	Title: Complete oxidation of CO and propene as model component of diesel exhaust and VOC using manganese oxide supported on octahedral (AlO63-)-Ce3+
Tarnveer Kaur Punjabi University, India	Title: Volumetric studies of L-threonine + aqueous [BMIm][Cl] solutions
Salima Bouteraa University Of Sciences And Technology Of Oran - USTO, Algeria	Title: Study on structure and photocatalytic activity of Lanthanum-containing mixed metal oxide derived from ZnFe- Layered Double Hydroxides: An outstanding strategy for promoting visible light in indigo carmine photodegradation
Boutekrabt Zineddine University of Sciences and Technology Houari Boumediene, Algeria	Title: A Review on Catalysts for Methanol Synthesis
Hamza Bouzid University Of Monastir, Tunisia	Title: Impact of eco-friendly processing solvents on the properties of organic solar cells
Muhammad Farooq Department Microbiology, Pakistan	Title: Use of fungal enzymes as cleaning agents on stone monumensts

Poster Presentations

Raiedhah Abdullah Alsaiari Department of Chemistry, Saudi Arabia	Title: Oxidation of cycloalkene using supported ruthenium catalysts under solvent-free conditions
Caglieri Silvana Environmental Chemical Engineering (CIQA), Argentina	Title: Theoretical Study of Hemiacetal Synthesis Catalyzed by Co2+ ions
Carlos Suárez National University of San Marcos, Peru	Title: Production of high-quality CuNi thin films using magnetron sputtering
Mansour Jahangiri Semnan University, Iran	Title: Synthesis of novel NiFe2O4 -PEG nanocatalyst for oxidation of organosulfur compounds
Areej Kamal Assim Aldabbagh Department Of Chemistry In Baghdad University, Iraq	Title: Synthesis and characterization of new benzothiazole-derived schiff bases metal complexes
Shivaraj Kumar K Indian Institute of Technology, India	Title: Hydrocarbon-based selective catalytic reduction of NOx over Ag-Pt/gamma-Al2O3 catalyst: The effect of preparation method