(WCCN-2025)

World Catalysis and Chemical Engineering Network Congress

April 23-25
2025

Virtual Event

Theme: Advanced Research and Techniques on Catalysis and Chemical Sciences

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Keynote Presentations

Bo-Qing Xu
Tsinghua University, China

Title : Precious Metal-Efficient Heterogeneous Catalysts for Thermal and Electro Catalysis

Thomas Webster
Hebei University of Technology, United States

Title : How Have We Eliminated Infection ? Nanotechnology Human Clinical Studies

Alexander G. Ramm
Kansas State University, USA

Title : Biogas: Usefulness, existing technology and major hurdles

Dai-Yeun Jeong
Director of Asia Climate Change Education Center, South Korea

Title : How to Overcome the Limitations Inherent in Sustainable Development

Osman Adiguzel
Firat University, Turkey

Title : Dual Memory Characteristics and Crystallographic Transformations in Shape Memory Alloys

Eleonora Aneggi University of Udine, Italy	Title : Enhanced heterogeneous Fenton degradation for liquid waste treatment

Keynote Presentation slots are available

Oral Presentations

Suresh C Ameta Energy Research Institute, India	Title : Promotion and implementation of bioenergy for a better environment
Tokeer Ahmad Jamia Millia Islamia, India	Title : Removal of Perfluorooctanoate (PFOA) by Optimized Camelina Meal Biochar Using Central Composite Design-Response Surface Methodology (CCD-RSM)
Ilkhom Institute of Polymer Chemistry, Uzbekistan	Title : Carboxymethyl cellulose/sericine graft copolymers obtaining, structure and properties
Mikhail Kashchenko Ural Federal University, Russia	Title : Adsorption of azo dyes using ZnO/SiO2 Hybrid Aerogels and Xerogels
Seongwoo Woo Ethiopian Technical Uniersity, Ethiopia	Title : Improving the Fatigue Design of Mechanical Systems such as Refrigerator

Lazhar Hajji Institute of Analysis and Research of Physico-Chemical, Tunisia	Title : Needs of Ruthenium complexes as anticancer drugs
Muhammad Tayyab Tsinghua Shenzhen International Graduate School, China	Title : Hydrogen production with the selective oxidation of benzyl alcohol to benzaldehyde in aqueous medium by a noble-metal-free photocatalyst VC/CdS nanowires
Shivangi University of Saskatchewan, Canada	Title : Removal of Perfluorooctanoate (PFOA) by Optimized Camelina Meal Biochar Using Central Composite Design-Response Surface Methodology (CCD-RSM)
Rahul Hajare Sandip University, India	Title : An organized analysis of several plant source medicine that may be successful in Sars Cov-2/Covid-19 inhibition using in silico analysis
Stephen Okiemute Akpasi Durban University of Technology, South Africa	Title : CO2 methanation over Ni-7%Mo/AC
Yacob Mathai Kunnathazhath Marma Health Centre, India	Title : Paracetamol is the most unscientific and dangerous drug for fever. Anyone can create a fever within hours using antipyretic objects
Joanna Drzeżdżon University in Gdańsk, Poland	Title : Modification of poly(2-chloro-2-propen-1-ol) with ethylenediamine towards the novel material morphology and CO2 sorption properties

Ashanendu Mandal University of Calcutta, India	Title : Potential application of innovative solid waste materials for adsorptive removal of toxic phenol from wastewater and generating circular economy
Delia Teresa Sponza Dokuz Eylul University, Turkey	Title : Biodegradation of microplastics namely polystyrene, polyester polyurethane, and polyethylene with metal organic framework based UiO-66-OH@MF-3 nanocomposite
Mikhail Kashchenko Ural Federal University, Russia	Title : Preparation of Nano-Particle Adsorbents for Waste Water Treatment
Naveen Kulkarni Quantumzyme LLP, India	Title : Novel enzymatic route for industrial aldehyde oxidation; a key step towards green chemistry
Yarcely Alexandria Rodriguez Lucart University of Talca, Chile	Title : RL-4: An Aminoquinone Derivative with Anti-migratory and Anti-proliferative Effects on Breast Cancer Cell line MDA-MB-231
Ademola Bolanle Raheem University of Port-Harcourt, Nigeria	Title : Effective and green catalysts for the chemical depolymerisation of polyethylene terephthalate plastic bottle waste into its monomers and other products
Babayeva Farida Institute of Petrochemical Processes named after academician Yu.G.Mamedaliyev, Azerbaijan	Title : Mechanism of methane activation on M,ReOx/Al2O3 catalysts

Omvir Singh Rajiv Gandhi Institute of Petroleum Technology, India	Title : Production of Aromatic Hydrocarbons from Long Chain
Shoban Babu M Government College Of Technology, India	Title : Self-humidified operation of TiO2 -doped pt/c catalyst for PEM fuel cell operation
Mikhail Kashchenko Ural Federal University, Russia	Title : The Mechanism of Low-Temperature Nuclear Fusion, Generalizing the Ideology of Muonic Catalysis

Oral Presentation slots are available

Poster Presentation

Chi Wing Tsang Technological and Higher Education Institute of Hong Kong, Hong Kong	Title : Enhanced Hydrogen Generation via Atomically Dispersed CoCu Catalysts Supported on Carbon Nanotubes for Ammonia Borane Hydrolysis

Poster Presentation slots are available