Global Conference on
Catalysis & Applied Chemical Engineering
November 23-25, 2020 at Dubai, UAE

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Tentative Agenda

Title: Removal efficiency of Pb(II), Zn(II), Cd(II) and Cu(II) from aqueous solution and natural water by ketoenol–pyrazole receptor functionalized silica hybrid adsorbent
Shehdeh Jodeh, An-Najah National University, Palestine

Title: Synthesis, structural characterisation and spectroscopic properties of new defect
Aziz Elhaimouti, University Sultan My Slimane, Morocco

Title: Functionalized porphyrins as electrochemical mediators or catalysts for organic reactions
Eugenia FAGADAR-COSMA, Institute Of Chemistry "Coriolan Dragulescu", Romania

Title: Designing a heterogeneous catalyst: development of a reforming catalyst for hydrogen production
Shakeel Ahmed, King Fahd University Of Petroleum & Minerals, Saudi Arabia

Title: Low temperatures dry reforming of methane over Ni-sibea zeolites: a new approach to using zeolites for methane reforming
Kyriienko Pavlo, L.V. Pisarzhevskii Institute Of Physical Chemistry Of National Academy Of Sciences, Ukraine

Title: Successive vapour phase guerbet condensation of ethanol and 1-butanol over Mg-Al(-Ce) oxide catalysts in a flow reactor
Olga V. Larina, L.V. Pisarzhevskii Institute Of Physical Chemistry Of The National Academy Of Sciences Of Ukraine, Ukraine
Title: Increasing acidity on amorphous silica-alumina via highly dispersed surface pentacoordinated AlV species
Zichun Wang, Macquarie University, Australia

Title: Choline chloride-based deep eutectic solvents as a remarkable green catalyst for different organic transformations
Hosseinz Tavakol, Isfahan University Of Technology, Iran

Title: Structured micro-fibrous catalysts
Andrey Zagoruiko, Boreskov Institute Of Catalysis, Russian Federation

Title: Green immobilization matrices: the key to efficient utilization of enzymes in food and drug industries
Marwa Wahba, National Research Centre, Egypt

Title: Functionalized graphene and graphene oxide nanosheets as a heterogeneous nano-catalysts in some organic reactions
Mohsen Golestanzadeh, Isfahan University Of Medical Sciences, Iran

Title: Magnetic metal ferrites as green and sustainable nano catalyst for organic reactions
Firouz Matloubi Moghaddam, Sharif University Of Technology, Iran

Title: Combustion synthesis: from minerals to nanomaterials
Andrzej Huczko, Warsaw University, Poland
Title: Study of mechanical performance of adjuvanted concrete with phosphate inhibitors
Latefa Sail, Aboubekr Belkaid University, Tlemcen- Algeria

Title: Physicochemical parameters and heavy metals analysis of oil polluted ground water in baruwa community
Temitope OM, Federal University Of Technology Akure, Akure, Nigeria

Title: Catalysts for the production of value-added chemicals from biomass derived levulinic acid
Asima Sultana, National Institute Of Advanced Industrial Science & Technology, Japan

Title: Efficient catalytic hydrolysis of cellulose by carbonaceous solid acid catalysts
Xinhua Qi, Nankai University, China

Title: Fast growth and modulation of gan nanowires by microwave plasma chemical vapor deposition
Wang Ruzhi, Beijing University Of Technology, China

Title: Magnetic metal ferrites as green and sustainable nano catalyst for organic reactions
Firouz Mattloubi Moghaddam, Sharif University Of Technology, Iran

Title: Hydrogenation of levulinic acid with and without external hydrogen over Ni/SBA-15 catalyst
Mohan Varkolu, University Of Hyderabad, India
Title: Near-infrared emitting hemicyanines and their application to photodynamic killing of cancer cells.
Mithun Santra, University of Edinburgh, UK

Title: Dynamic covalent bonds in preparation of self-healing polyurethane elastomers
Masoud Yarmohammadi, KN Toosi University Of Technology, Iran

Title: Synthesis of sulphonic acid functionalized core-shell magnetic mesoporous silica adsorbent
Syed Mazhar Shah, University Of Engineering & Technology Lahore, Pakistan

Title: Designing and developing controlled releasing fertilizer using starch-based hydrogel
Long YU, South China University Of Technology, China

Title: Photocatalytic systems for advanced environmental remediation applications
Raju Kumar Gupta, Indian Institute Of Technology Kanpur, India

Title: Development of electrocatalysts and their structural evolution
Guanjie He, University Of Lincoln/UCL, UK

Title: Tuning the electron localization of gold enables the control of nitrogen-to-ammonia fixation
Jianyun Zheng, Hunan University, China
Title: Catalytic composite membrane for esterification enhancement
Weixing Li, Nanjing Tech University, China

Title: Deep eutectic solvents (DESS) as promising green catalysis and solvents for biodiesel production: state-of-the-art, prospects and challenges
Weidong Lu, Shaoguan University, United States

Title: A novel design of catalyst layer integrated with solid electrolyte in the metal-o2 battery
Yuan-Cheng Cao, Huazhong University Of Science And Technology (HUST), China

Title: Some strategies on C-H functionalization
Xiuling Cui, Huqiao University, China

Title: Hydrothermal assisted synthesis of ZnFe2O4 embedded g-C3N4 nanocomposite with enhanced charge transfer ability for effective removal of nitrobenzene and Cr(VI)
Shajahan Shanavas, Periyar University, India

Title: Crystalline porous organic salts (CPOSS)
Teng Ben, Jilin University, China

Title: B-Hb···π interaction in diborane localized/delocalized -π systems: a DFT-D3 approach
Bapan Saha, Handique Girls' College, India
Title: Photocatalytic Inactivation Mechanism of the Hypertoxic Site in Aflatoxin B1 Over Z-Schematic Composites
Mao Jin, Chinese Academy Of Agricultural Sciences, China

Title: Mechanism and Application of Visible Light Photocatalysis on Mycotoxins Degradation
Peiwu Li, Chinese Academy Of Agricultural Sciences, China

Title: Poly Crystallized Metal Nano-composite as a Mechanism to Improve Energy Harvesting in Thin Film Polymer Solar Cell
Genene Mola, University Of Kwazulu-Natal, South Africa

Title: Metallic and Non-Metallic Plasmonic Nanostructures for Photocatalysis
Zaizhu Lou, Jinan University, China

Title: Bifunctional Photo/Electrocatalytic Hydrogen Generation Via Water Splitting
Dongpeng Yan, Beijing Normal University, China

Title: Enhancing Renewable Hydrogen Generation from Ethanol Photoreforming on Au@TiO2 Catalysts by Defect Engineering
Xu Xiang, Beijing University Of Chemical Technology, China

Title: Simulation Approaches for the Mechanisms of Thermoset Polymerization Reactions
Al-Moameri Harith H, Mustansiriya University, Iraq
**Title : Thermochemical processes of agriculture waste in Colombia**
Farid Chejne Jana, Universidad Nacional De Colombia, Colombia

**Title : Investigations on the slug two-phase flow in a horizontal pipes: past, presents, and future directives**
Abdalellah Omer Mohammed, Middle East College, Oman

**Title : Plasmon-powered nitrogen photofixation**
Ruibin Jiang, Shaanxi Normal University, China

**Title : Gas phase heterogeneous photocatalytic conversion of CO2**
Mohsen Padervand, University Of Maragheh, Iran

**Title : Synthesis, characterization and applications of ultra-high molecular weight polymers**
Romano Dario, Maastricht University, Netherlands

**Title : Intensive enhancement of H2 generation and detection in TiO2-based materials**
Yun Gao, Hubei University, China

**Title : Structural specificity of ceria supported atomically dispersed platinum is critical for selective partial hydrogenation of acetylene**
Olumide Ayodele, Iberian Nanotechnology Laboratory (INL) Portugal, Portugal
Title: Polymeric Schiff base metal complexes for advanced energy storage, sensing and catalysis
Daniil A. Lukyanov, Saint Petersburg State University, Russian Federation

Title: Clean organic preparation: dual roles of reactants
Wei-Min He, Hunan University Of Science And Engineering, China

Title: Enhanced photoelectrocatalytic activity of Bi2S3-tio2nanotube arrays hetero-structure under visible light irradiation
Changjian Lin, Xiamen University, China

Title: Isolation and characterization of green cellulose nanofibers for removal of organic contaminants in wastewater
Zikhona Tywabi-Ngeva, Nelson Mandela University, South Africa

Title: Water remediation by chemical reduction followed by in situ layered doubled hydroxides
Xiao Jin Yang, Beijing University Of Chemical Technology, China

Title: An extremely energy-saving electrocatalysis of hydrazine for hydrogen generation
Pingyu Wan, Beijing University Of Chemical Technology, China

Title: Synthesis of green fluorescent carbon dots: selective adsorption of palladium octahedral nano crystals
Muhammad Sadiq, University Of Malakand, Pakistan
Looking forward to
See you in Dubai !!!

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