Scientific Program

5th World Congress on

CATALYSIS AND CHEMICAL ENGINEERING

September 05-06, 2018 Tokyo, Japan

Hosting Organization: Conference Series LLC LTD
47 Churchfield Road, London, W3 6AY
Email: catalysis@conferencesworld.org, catalysis@conferenceint.com, catalysisconferences@gmail.com
Day 1   September 05, 2018

09:00-09:25  Registrations

Guest Salon

09:25-09:30  Opening Ceremony

Keynote Forum

09:30-10:20  Title: Experimental study on diffusion combustion of high-speed hydrogen round microjets.  
Part 1: Attach flame in subsonic flow  
V V Kozlov, Novosibirsk State University, Russia

10:20-11:10  Title: Metal oxides composites for use as photocatalysts  
Sukon Phanichphant, Chiang Mai University, Thailand

Networking & Refreshment Break: 11:10-11:30

Group Photo

Sessions:
Heterogenous Catalysis | Environmental Catalysis and Green Chemistry | Chemical Engineering | Petrochemical Engineering

Session Chair: V V Kozlov, Novosibirsk State University, Russia

11:30-12:00  Title: Synergy of N-doped TiO$_2$ and visible LED irradiation in peroxymonosulfate activation: Application to monuron decay and reaction kinetics  
Amal Abdelhaleem, The Hong Kong Polytechnic University, Hong Kong

12:00-12:30  Title: The photocatalytic degradation of monuron in the N-doped TiO$_2$/Oxone/visible LED process: Mineralization and quantification of reaction intermediates  
Amal Abdelhaleem, The Hong Kong Polytechnic University, Hong Kong

12:30-13:00  Title: Effect of adding porcelain on properties of porous ceramic based on Electromelted Corundum (EMC)  
Zaw Ye Maw Oo, D. Mendeleev University of Chemical Technology of Russia, Russia

Lunch Break: 13:00-14:00 @ California Restaurant

14:00-14:30  Title: Direct hydrogenation of carbon dioxide into light olefins over ZnO-Y$_2$O$_3$ + SAPO-34 bifunctional catalysts  
Tie Yu, Dalian Institute of Chemical Physics, China

14:30-15:00  Title: Influence of ZnO promoter on physicochemical and activity profile of novel carbon nanofibers based Cu-ZrO$_2$ catalysts for CO$_2$ hydrogenation to methanol  
Israf Ud Din, Kohat University of Science and Technology, Pakistan

Networking & Refreshment Break: 15:00-15:20

Poster Presentations

CCE01  Title: Modeling of 1,4-Naphthoquinone derivatives solubility in supercritical carbon dioxide with a density-based correlation and molecular connectivity indices  
Juan C de la Fuente, Universidad Técnica Federico Santa María, Chile

CCE02  Title: High performance phosphite ligands containing various numbers of structural units for n-Regioselective hydroformylation of olefins  
Baoxin Zhang, Leibniz Institute for Catalysis, Germany

CCE03  Title: Visible-light-assisted peroxymonosulfate activation and novel mechanism for degradation of contaminants over g-C$_3$N$_4$ coordinating with iron (II) phthalocyanine catalyst  
Tiefeng Xu, Zhejiang Sci-Tech University, China

CCE04  Title: Increases of the polyphenols concentration in the aqueous phase of the olive oil wastes by biocatalysis  
Carlos Zambra, University of Talca, Chile
Title: A new type of amino amide organocatalyzed enantioselective crossed aldol reaction of ketones with aromatic aldehydes
Isiaka A Owolabi, Muroran Institute of Technology, Japan

Title: Enzyme-catalyzed synthesis of sugar esters in glucose-based deep eutectic solvents with high pressure CO₂
Dong-Woo Shin, Inha University, Korea

Title: Deoximation reaction by immobilized ionic liquid catalyst
Chul Shin, Inha University, Korea

Panel Discussions
Awards and Closing Ceremony

Day 2: September 06, 2018
B2B Meetings
Networking & Lunch Break: 12:00-13:00 @ California Restaurant