

Day 1 November 05, 2018	
08:30-09:00	Registrations
Hall	
09:00-09:30	Introduction & Opening Ceremony
Keynote Session	
9:30-10:10	Title: One pot hierarchically porous carbon fixed bed catalysts Martin G Bakker, University of Alabama, USA
10:10-10:50	Title: Catalysis using transition metal chalcogenides for energy conversions Hyoyoung Lee, Sungkyunkwan University, Korea
Panel Discussion	
Coffee Break 10:50-11:10	
11:10-11:50	Title: Tumor activated prodrugs of the glutamine antagonist 6-Diazo-5-oxo-L-norleucine (DON) with improved therapeutic index Rana Rais, Johns Hopkins Drug Discovery, USA
Speaker Sessions	
11:50-12:20	Title: Nanostructured metal chalcogenides: Efficient electrocatalysts for water splitting applications Ram K Gupta, Pittsburg State University, USA
12:20-12:50	Title: Carbon dioxide capture and catalytic conversion to added value products through the use of different alkaline ceramics Heriberto Pfeiffer, National Autonomous University of Mexico, Mexico
Panel Discussion	
Lunch Break 12:50-13:50	
13:50-14:20	Title: Fe-zeolites as hybrid adsorbents catalysts for siloxane removal in biogas upgrading Alba Cabrera Codony, University of Girona, Spain
14:20-14:50	Title: Production related properties analysis of monoclonal antibodies to control manufacturing qualities Zhenyuan You, Frontage Laboratories INC, USA
14:50-15:20	Title: Synthesis of platinum sub-nano catalyst using a dendrimer reactor Kimihiya Yamamoto, Tokyo Institute of Technology, Japan
15:20-15:50	Title: An up to date review on heterogeneous catalysis by metal oxides Jacques C Vedrine, Sorbonne University, France
Coffee Break 15:50-16:10	
16:10-16:40	Title: Renewable jet fuel range hydrocarbons production from biomass derived α -tetralone via vapour phase hydrodeoxygenation: Catalytic effect of mesoporous Pt-Ni/HPW-SBA-16 Pandurangan Arumugam, Anna University, India
16:40-17:10	Title: Renewable fuels from sunlight, water, and waste Moritz F. Kuehnel, Swansea University, UK
Panel Discussion	
Networking Sessions	
Day 2 November 06, 2018	
Hall	
Keynote Session	
9:00-9:40	Title: Broad-range DNase inhibitors as new drugs for amelioration of toxic acute kidney failure Alexei G Basnakian, University of Arkansas for Medical Sciences, USA
9:40-10:20	Title: Use of high surface area of mesoporous materials for high purity hydrogen production Sujitra Wongkasemjit, Chulalongkorn University, Thailand
10:20-11:00	Title: Prediction of serious adverse events using machine learning Tatsuya Takagi, Osaka University, Japan
Panel Discussion	
Coffee Break 11:00-11:20	

Speaker Sessions

- 11:20-11:50** Title: **Catalytic behavior of Cr(III) Schiff base complex intercalated layered double hydroxide for selective oxidation of ethylbenzene to acetophenone**
Savita Khare, Devi Ahilya University, India
- 11:50-12:20** Title: **From classical model catalysts to liquid metal alloys**
Christian Papp, University Erlangen, Germany
- 12:20-12:50** Title: **Rapid production of high-purity hydrogen fuel from fossil fuels**
Xiangyu Jie, University of Oxford, UK
- 12:50-13:20** Title: **Structural effect of the CuxSn1-x intermetallic catalyst prepared by a mechanical alloying technique in phenol hydroxylation**
Sakollaphat Pithakratanayothin, Chulalongkorn University, Thailand

Panel Discussion

Lunch Break 13:20-14:20

- 14:20-14:50** Title: **Elaboration of new types fire-protective covers based on environmentally safe fire extinguishing powders**
Lali Gurchumelia, Institute of Inorganic Chemistry and Electrochemistry, Georgia
- 14:50-15:20** Title: **Aminobenzimidazole Schiff base incorporated onto the pores of HNTs: An efficient heterogeneous catalyst for the regioselective synthesis of 1,2,3-triazoles via click reaction**
Majid M Heravi, Alzahra University, Iran
- 15:20-15:50** Title: **Design and synthesis of photoelectrodes for solar fuel production**
Yan-Gu Lin, National Synchrotron Radiation Research Center, Taiwan

Panel Discussion

Coffee Break 15:50-16:10

Poster Sessions(16:10-17:10)

Poster Judge: **Tatsuya Takagi**, Osaka University, Japan

- P01** Title: **Microwave-assisted green synthesis of 4,5-dihydro-1H-pyrazole-1-carbothioamides in water**
Hamid Reza Farmani, Azad University, Iran
- P02** Title: **Study of the best *Trichoderma reesei* support for hydrolysis of cellulose**
Kurizara Sayamnikorn, Chulalongkorn University, Thailand
- P03** Title: **Fast pyrolysis of GVL-lignin extracted from softwood**
Sureerat Jampa, Chulalongkorn University, Thailand
- P04** Title: **Development of technology for production of new types fire extinguishing powders and foam-suspensions**
Lasha Tkemaladze, G Tsulukidze Mining Institute, Georgia
- P05** Title: **Interaction analysis of DPP4 inhibitor by fragment molecular orbital method**
Natsumi Mori, Osaka University, Japan
- P06** Title: **Antimicrobial properties of plasmonic metal decorated/doped titanium dioxide photocatalytic films**
Pardon Nyamukamba, University of Fort Hare, South Africa
- P07** Title: **Role of zinc in production of hydrogen in partial oxidation of methanol over CeO₂-ZrO₂ catalyst**
Aibibula Bake, Sojo University, Japan
- P08** Title: **Synthesis of some new bisindole derivatives and their biological activity: Part II**
Amal S. Yanni, Assiut University, Egypt

Networking Sessions

Panel Discussion

Closing Ceremony and Awards

****Note: Tentative program has been designed with the projected speakers names and titles**