

# Tentative Program



World Congress on

# Catalysis, Chemical Engineering and Technology



**February 19-20, 2020**  
**Phuket, Thailand**

**Theme: Emerging technologies and scientific advancements in chemical engineering**

<https://www.meetingsint.com/conferences/catalysis>

Email: [catalysis@annualmeetings.net](mailto:catalysis@annualmeetings.net)

## Conference Agenda 2020

Catalysis 2020	
February 19-20, 2020   Phuket, Thailand	
Agenda Day-1	
09:30-10:00	Registration
10:00-10:15	Introduction by Moderator
Keynote Forum	
10:15-10:45	Keynote Speaker
Networking & Refreshment Break, 10:45-11:00	
11:10-11:40	Keynote Speaker
11:40-12:10	Keynote Speaker
WorkShop	
12:10-12:55	Workshop Session
Group Photo 12:55-13:00	
Lunch Break 13:00:13:45	
Oral Session I	
13:45-14:05	Session Speaker
14:05-14:25	Session Speaker
14:25-14:55	Session Speaker
14:55-15:15	Session Speaker
15:15-15:35	Session Speaker
Networking & Refreshment Break, 15:35-15:55	
15:55-16:15	Session Speaker
16:15-16:35	Session Speaker
16:35-16:55	Session Speaker
Session Adjournment	
Agenda Day-2	
10:00-10:15	Introduction by Moderator
Keynote Forum	
10:15-10:45	Keynote Speaker
Networking & Refreshment Break, 10:45-11:00	
11:10-11:40	Keynote Speaker
11:40-12:10	Keynote Speaker
WorkShop	
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14:25-14:55	Session Speaker
14:55-15:15	Session Speaker
15:15-15:35	Session Speaker
Networking & Refreshment Break, 15:35-15:55	
15:55-16:15	Session Speaker
16:15-16:35	Session Speaker
16:35-16:55	Session Speaker
Conference Adjournment	

## Conference Agenda 2018

### Conference Hall: Hall 1

**09:30-10:00****Registration****10:00-10:10****Introduction by Moderator****10:10-10:50****Keynote Forum****Title: Conditioning of radioactive/nuclear wastes: An overview**

Rehab O Abdel Rahman, Atomic Energy Authority of Egypt, Egypt

**10:50-11:30****Title: To maximize the professional contribution and excellence of Pharmacists, thus ensuring optimum health outcomes**

Syed Iftikhar Hussain Shah, Addis Pharmaceutical, Pakistan

**Group Photo**

### Networking & Refreshment Break 11:30-11:45 @ Foyer

**11:45-12:25****Keynote Forum****Title: Functional polymers with properties to remove inorganic pollutants**

Bernabe L Rivas, University of Concepción, Concepcion, Chile

**12:25-13:05****Title: Battery Energy Storage: Current & Future Trends**

Terence Goh, Regional Energy Storage Consultant &amp; Advisor Sunseap Group, Singapore

### Lunch Break 13:05-14:05 @ Restaurant

**Oral Session:****Sustainable development | Renewable Energy and Biofuels | Green Chemistry**Session Chair: **Bernabe L. Rivas**, University of Concepción, Concepcion, Chile**14:05-14:25****Title: Greener synthesis, antimicrobial screening and Plant Growth Regulator (PGR) evaluation of some novel azo (Dipyran) derivatives**

Prashant P. Chaudhari, Dr D Y Patil School of Engineering, India

**14:25-14:45****Title: Gasoline fuel octane enhancement with waste additives from by-products for better SI engine performance**

Obad Majeed Ali, Renewable Energy Research Unit, Iraq

**14:45-15:05****Title: Mitigating solar ramping by energy storage**

Terence Goh, Regional Energy Storage Consultant &amp; Advisor Sunseap Group, Singapore

Networking & Refreshment Break 15:05-15:20 @ Foyer

**Oral Session:**  
Pharmaceutics | Drug Delivery | Nano-medicine and Nano Technology

Session Chair: **Ayla Balkan**, Hacettepe University, Turkey

15:20-15:40

**Title: To formulate the viable recommendations for validating the authority of pharmacists to modulate the world's novel health systems**

**Syed Ifikhar Hussain Shah**, Addis Pharmaceutical, Pakistan

15:40-16:00

**Title: Medical device – Compliance challenges against legislation & regulation**

**Syed Abid Hassan**, Variation Management Committee, Saudi Arabia

16:00-16:20

**Title: Hot melt extrusion: An emerging drug delivery technology**

**Rashid Mahmood**, Surge Laboratories Private Limited, Pakistan

16:20-16:40

**Title: Of mice of men and maize**

**Anne Grobler**, North-West University, South Africa

Networking & Refreshment Break 16:40-17:00 @ Foyer

Poster Presentations 17:00-17:30 onwards

Poster Judge: **Mahaveer Mehta**, Dr. Mahaveer Mehta Medical Center, United Arab Emirates

P-01

**Title: Modified release of furosemide from compression-coated tablets**

**Marilena Vlachou**, University of Athens, Greece

P-02

**Title: Modified release of diclofenac sodium from compression-coated tablets**

**Sofia Konstantinidou**, University College London, UK

P-03

**Title: The health benefits of oha leaf**

**Anyanwu Michael Chigbaziri**, International Humanitarian Odessa Medical University  
Ukraine, Ukraine

Conference Adjournment



## Conference Agenda 2019

### Conference Hall: Paris

**09:15-09:45****Registrations****09:45-10:00****Introduction by Moderator****10:00-10:30****Keynote Forum****Title: DOZN™- A quantitative green chemistry evaluator**  
Ettigounder Ponnusamy, MilliporeSigma, USA**10:30-11:00****Title: Love or hate water?**

L Q Rick Wang, University of Hong Kong, Hong Kong

### Networking & Refreshment Break 11:00-11:15 @ Banquet Foyer

**11:15-11:45****Keynote Forum****Title: Greener synthesis of biological and pharmaceutical compounds**  
Ahindra Nag, Indian Institute of Technology Kharagpur, India**11:45-12:15****Title: Hydrogenation complementing the generation of H<sub>2</sub>: On the way to green chemistry**

Albert Poater, University of Girona, Spain

**12:15-12:45****Title: The emergence of intelligent positioning in high-throughput photonics manufacturing automation**

Scott Jordan, Physik Instrumente, USA

**Oral Session I:****Innovations in Green and Sustainable Chemistry | Green Chemistry: Challenges and Opportunity | Green Chemistry for Nanoparticle Synthesis | Green Chemistry in Pharmaceutical Industries | Green Analytical Chemistry and Environmental Chemistry Education | Optoelectronics**Session Chair: **Ettigounder Ponnusamy**, MilliporeSigma, USASession Chair: **Utpal Gangopadhyay**, Meghnad Saha Institute of Technology Kolkata, India**Group Photo 12:45-13:00****Lunch Break 13:00-14:00 @ Banquet Foyer****14:00-14:25****Title: Van der waals epitaxy of nitrides material and deep-UV light-emitting diodes**

Zhiqiang liu, Chinese Academy of Sciences, China

**14:25-14:50****Title: The impact of morus alba leaves extract on diabetesinduced complications in rats**

Hanan abdel hameid abdel hafez, Beni seuif University, Egypt

**14:50-15:15****Title: Energy harvesting from micro scale cavitating flows**

Morteza Ghorbani, Sabanci University, Turkey

**15:15-15:40****Title: Multifunctional solar systems for cooling, heating and power generation**

Roonak Daghigh, University of Kurdistan, Iran

**15:40-16:05****Title : Parametric analysis of wind funnel concentrator**

Salih Akour, The University of Jordan, Jordan

**Networking & Refreshment Break 16:05-16:20 @ Banquet Foyer****16:20-16:45****Title: Techno-environmental feasibility analysis of CO<sub>2</sub> capture and reutilization from alcoholic fermentation processes: The CO<sub>2</sub>-AFP Strategy**

Abdessamad Gueddari, UCLM, Spain

**16:45-17:10****Title: A plant protein-based nanoemulsion system for personal care products**

Jeong Kee Kim, Kyung Hee University, South Korea

**17:10-17:35****Poster Presentations****Title: Adaptive effect evaluation during the Mellet-Boinot process of second generation bioethanol production by Spathaspora Passadarum NRRL Y-27907**

Thiago Neitzel, University of Campinas, Brazil

**17:35-18:00****Title: Fused deposition modelling - 3D printing as an efficient alternative to fabricate Lithium-Ion batteries**

Jose Fernando Valera-Jimenez, UCLM, Spain

**Session Adjournment****July 16, 2019****Conference Agenda****Day 2****10:00-10:15****Introduction by Moderator****10:15-10:45****Keynote Forum****Title: Distributions of nicotine and cotinine in rat plasma, tooth, alveolar bone and brain from long-tern passive smoking rats and their impacts on dental health**

Yong-Xi Li, Medpace Bioanalytical Laboratories, USA

**10:45-11:15**

**Title: Rogue waves in optics: Facts and fictions**  
Milivoj R Belic, Texas A&M University, Qatar

**Networking & Refreshment Break 11:15-11:30 @ Banquet Foyer****11:30-12:00****Keynote Forum**

**Title: Bifacial solar PV technology initiate a new pathway to future PV**  
Utpal Gangopadhyay, Meghnad Saha Institute of Technology Kolkata, India

**12:00-13:00****Work Shop**

**Title: Petroleum industry cellulose biomasses polymers fabricating and fabricating unit design**  
Ahmed Abdelaziz Ibrahim Elyayah, Wafaa Mustafa Osman Mohammed & Amel Abdelatti Ahmed, NimirSudan University of Science and Technology, Sudan

**Group Photo 13:00-13:10****Lunch Break 13:10-14:10 @ Banquet Foyer****Oral Session II:**

**Green Polymer and Plastic Chemistry | Biofuels and Alternative Energy | Bio-Separations: Recent Advances | Green Technologies in Food Production & Food Processing | Organic photonics | Advancements in Photonics | Applications and Trends in Photonics**

Session Chair: **Ahindra Nag**, Indian Institute of Technology Kharagpur, India

Session Chair: **Yong-Xi Li**, Medpace Bioanalytical Laboratories, USA

**14:10-14:35**

**Title: Conversion of waste coal fly ash into valuable catalysts and their applications for bio-energy production**  
Kalpana Maheria, S. V. National Institute of Technology, India

**14.35-15:00**

**Title: Mechanistic investigation inspired green synthesis strategies: From theory to experiments**  
Jingping Zhang, Northeast Normal University, China

**15:00-15:25**

**Title: Eye and melatonin friendly candlelight OLED**  
Jwo-Huei Jou, National Tsing Hua University, Taiwan

**15:25-15:50**

**Title: On the parametric version of black body**  
Vladimir Arabadzhi, Institute of Applied Physics, Russia

Networking & Refreshment Break 15:50-16:00 @ Banquet Foyer

16:00-16:25

**Title: A nano hydrophobic task-specific room temperature ionic liquid as an adsorbent for discriminating of Cr (III) and Cr (VI)''**

Ghazale Daneshvar Tarigh, University of Tehran, Iran

16:25-16:50

**Title: Synthesis and characterization of carboxymethyl cellulose (CMC) from palm frond**

Ahmed Abdelaziz Ibrahim Elyayah & Khadija Hassan Ahmed Albasheer, Sudan University of Science and Technology, Sudan

16:50-17:05

#### Video Presentations

**Title: Metal nanoparticle embedded and rare-earth doped novel glasses for photonic application**

Hamid-Reza Bahari, Sharif University of Technology, UK

17:05-17:20

**Title: Quantum deep neural networks: A survey**

Amrita Kapoor, University of Delhi, India

17:20-17:35

**Title: Generalized mean gratings**

Shaohua Tao, Central South University, China

17:35-18:50

**Title: Effects of salinity and temperature on the rate of biodegradation of domestic waste released into the marine waters around Mumbai city, India**

D V Prabhu, University of Mumbai, India

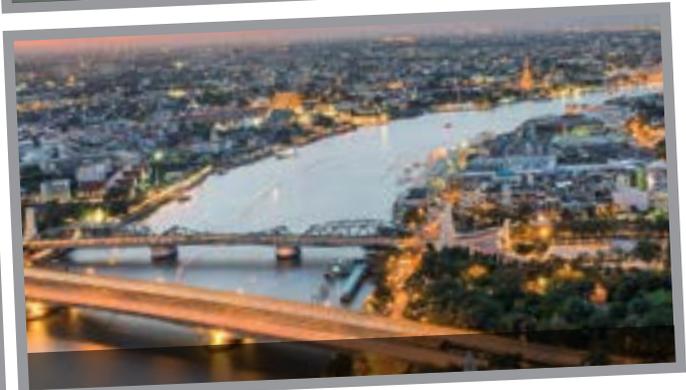
Conference Adjournment

# Glimpses of Catalysis and Chemical Engineering event



## *About Phuket, Thailand*

Phuket is among the world's finest beach destinations, with fine white sands, nodding palm trees, glittering seas and lively towns. It has something for any taste and budget, with hundreds of hotels to choose from, a wide choice of dining and partying options. Aside from visiting the fantastic attractions of Thailand's biggest island, you can take an exhilarating speedboat trip to the many nearby tropical paradises, including the famous Phi Phi Islands, or enjoy a serene cruise around the mystical Phang Nga Bay. Phuket is blessed with more than 30 amazing beaches to choose from.



### **Mail us to know more!**

For Abstract Submission Guidelines | For Reserving your slot | Proposals | Registration | Posters | Accommodations  
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Drop us your query with details and we will call you right away

### **Meetings International Pte Ltd**

28 Maxwell Road, #03-05 Red Dot Traffic, Singapore

Phone: +65 3158 1626

Email: [catalysis@annualmeetings.net](mailto:catalysis@annualmeetings.net)