World Congress on

Catalysis, Chemical Engineering and Technology Conference

February 19-20, 2020 | Phuket, Thailand



Catalysis 2020

Invitation

Dear Attendees,

Meetings International proudly announces the World Congress on Catalysis, Chemical Engineering and Technology Conference scheduled during February 19-20, 2020 in Phuket, Thailand. The conference emphasizes the theme "Emerging technologies and scientific advancements in chemical engineering".

Catalysis 2020 aims at sharing new ideas and technologies amongst the professionals, industrialists and students from research areas of Catalysis, Chemical Engineering and Technology As the premier event, we have developed a program with your interests in mind. We have not only increased the number of opportunities for you to network with colleagues from across the world but also introduced more focused sessions that will feature cutting edge presentations, special panel discussions, and livelier interaction with industry leaders and experts. Life is full of give and take. Make it count in your professional life. World Congress on Catalysis, Chemical Engineering and Technology amid February 19-20, 2020 Phuket, Thailand. This consolidates incite keynote presentations, Oral talks, Poster presentations and Exhibitions.

Sincerely,

Operating Committee

Catalysis 2020





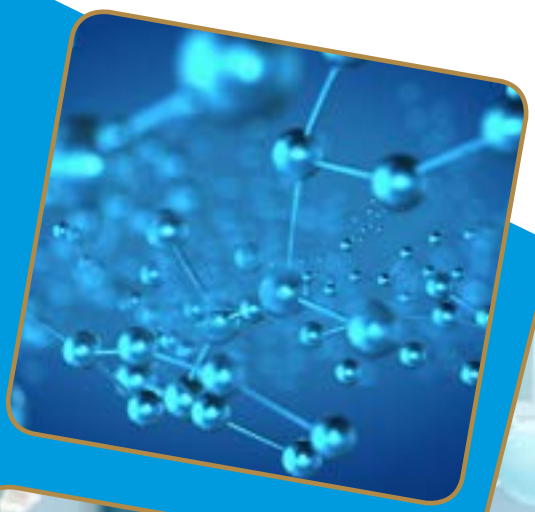






Conference Highlights

- Catalysis & Zeolites
- Chemical engineering
- Homogeneous catalysis, Molecular Catalysis, Homogeneous catalysis
- Catalysis Material & Catalysis Chemistry
- Chemistry Synthesis & Catalytic Synthesis
- Industrial Catalyst and Process Engineering
- Fluid Mechanics
- Photochemistry, Photobiology and Electrochemistry
- Environmental Catalysis and Green Chemistry
- Environmental Catalysis and Green Chemistry









To identify the future directions of research

Peer review and high quality publication

Quality research

Head Management/CEO/Manager

Dean

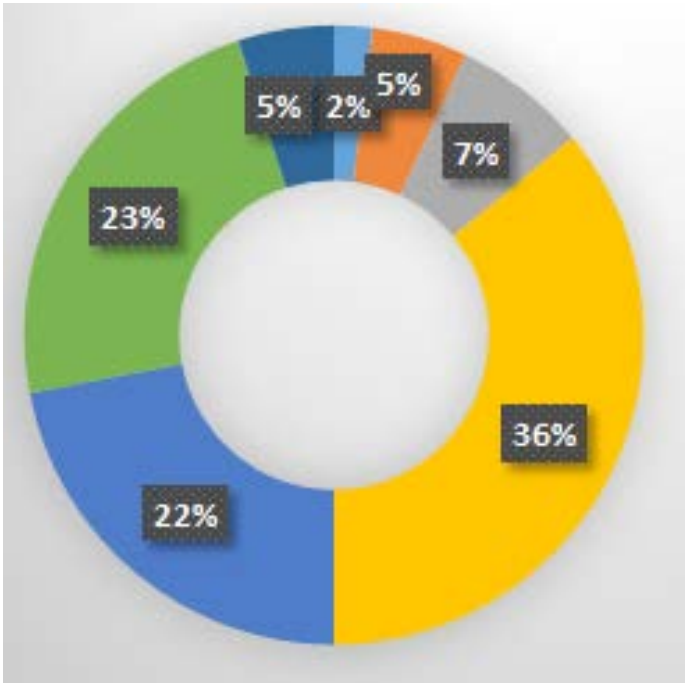
Director

Professor

Students

Research Scolars

Business Enterprenures



Explore Thailand

Phuket, a rain forested, mountainous island in the Andaman Sea, has some of Thailand's most popular beaches, mainly situated along the clear waters of the western shore. The island is home to many high-end seaside resorts, spas and restaurants. Phuket City, the capital, has old shop houses and busy markets. Paton, the main resort town, has many nightclubs, bars and discos.

Thailand Attractions



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 & 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 (Dipyrano) 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** **Obed Majeed Ali,** Renewable Energy Research Unit, Iraq
14:45-15:05	**Title: Mitigating solar ramping by energy storage** **Terence Goh,** Regional Energy Storage Consultant & 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 Iftikhar 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

Keynote Forum

10:00-10:30 **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

Keynote Forum

11:15-11:45 **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_2: 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 Instrumete, 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 Environmenta l Chemistry Education | Optoelectronics

Session Chair: **Ettigounder Ponnusamy,** MilliporeSigma, USA
Session 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_2 capture and reutilization from alcoholic fermentation processes: The CO_2-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

Video Presentations

16:50-17:05

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
Amita 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 Engneering event

















Venue



Important Dates

Early Bird: ***September 30, 2019***

Registration Open: ***July 16, 2019***

Abstract Submission Open: ***July 22, 2019***

On Spot Registration: ***February 19, 2019***

Useful Links

Home Page
https://www.meetingsint.com/conferences/catalysis

Registration
https://www.meetingsint.com/conferences/catalysis/registration

Abstract Submission
https://www.meetingsint.com/conferences/catalysis/abstract-submission

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