16TH INTERNATIONAL CONFERENCE ON

GREEN AND SUSTAINABLE CHEMISTRY

JUNE 24-25, 2020 | KAULA LAMPUR,MALAYSIA



Green and Sustainable Chemistry 2020

Invitation

GREEN & SUSTAINABLE CHEMISTRY 2020

Dear Attendees,

Meetings International proudly announces the 16th International conference on Green and Sustainable chemistry during June 24-25, 2020 in kuala Lumpur, MalaysiaE. The conference emphasizes the theme "Sustainable development of the world".

Green chemistry is the design of chemical products and processes that reduce or eliminate the use or generation of hazardous substances. Green chemistry applies across the life cycle of a chemical product, including its design, manufacture, use, and ultimate disposal. Green chemistry is also known as sustainable chemistry. Prevents pollution at the molecular level, Is a philosophy that applies to all areas of chemistry, not a single discipline of chemistry, Applies innovative scientific solutions to real-world environmental problems, Results in source reduction because it prevents the generation of pollution, Reduces the negative impacts of chemical products and processes on human health and the environment, Lessens and sometimes eliminates hazard from existing products and processes, Designs chemical products and processes to reduce their intrinsic hazards.

Sincerely,

Operating Committee

Green and Sustainable chemistry 2020











https://www.meetingsint.com/conferences/green-chemistry

Conference Highlights

GREEN & SUSTAINABLE CHEMISTRY 2020

- Energy conversion and storage
- CO2 usage / sustainable chemistry and global climate change
- Sustainable chemistry in society
- Waste utilization and re-use: From e-waste to bio resources
- Recent advances in green synthesis and catalysis
- Usage of A.I for determination of sustainability issues.
- Sustainable chemistry and bionomics
- Green analytical techniques
- Exploring green chemistry innovations in plastics to help protect our oceans
- Resolving the problems of micro and Nano plastic.
- Designing of chemical and products for degradation.











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To identify the future directions of research

Peer review and high quality publication

Quality research

Head Management/CEO/Manager

Dean

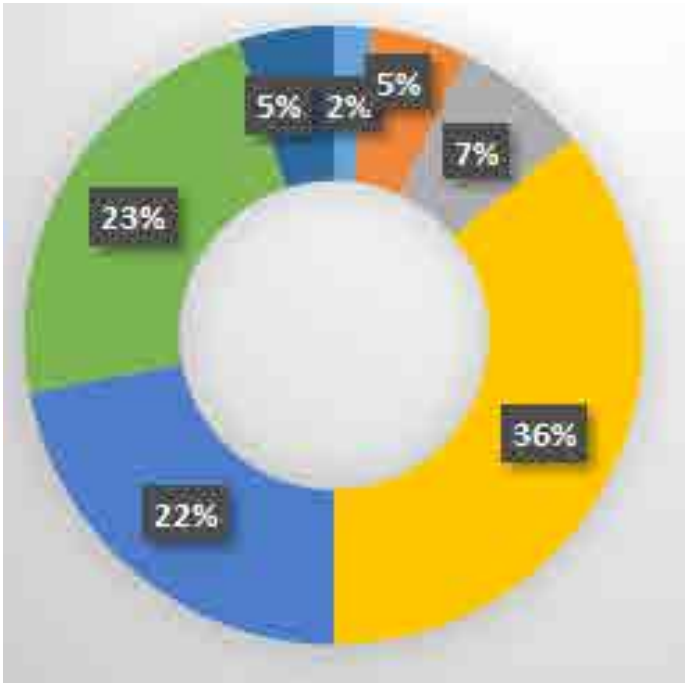
Director

Professor

Students

Research Scolars

Business Enterprenures



Explore kuala Lumpur

Kuala Lumpur is the capital city of Malaysia, boasting gleaming skyscrapers, colonial architecture, charming locals, and a myriad of natural attractions. Divided into numerous districts, its main hub is called the Golden Triangle which comprises Bukit Bintang, KLCC and Chinatown. KL is widely recognised for numerous landmarks, including HYPERLINK “http://www.kuala-lumpur.ws/attractions/petronas-twin-tower.htm” Petronas Twin Towers (the world’s tallest twin skyscrapers), Petaling Street flea market, and Batu Caves, which is over 400 million years old.

Kuala Lumpur Attractions



GREEN & SUSTAINABLE CHEMISTRY 2020

July 15, 2019 | **Conference Agenda** | **Day 1**

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 Green and Sustainable Chemistry Conference



Venue



Important Dates

Early Bird: ***November 30, 2019***

Registration Open: ***July 15, 2019***

Abstract Submission Open: ***July 15, 2019***

On Spot Registration: ***June 24, 2020***

Useful Links

Home Page

https://www.meetingsint.com/conferences/green-chemistry

Registration

https://www.meetingsint.com/conferences/green-chemistry/registration

Abstract Submission

https://www.meetingsint.com/conferences/green-chemistry/abstract-submission

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