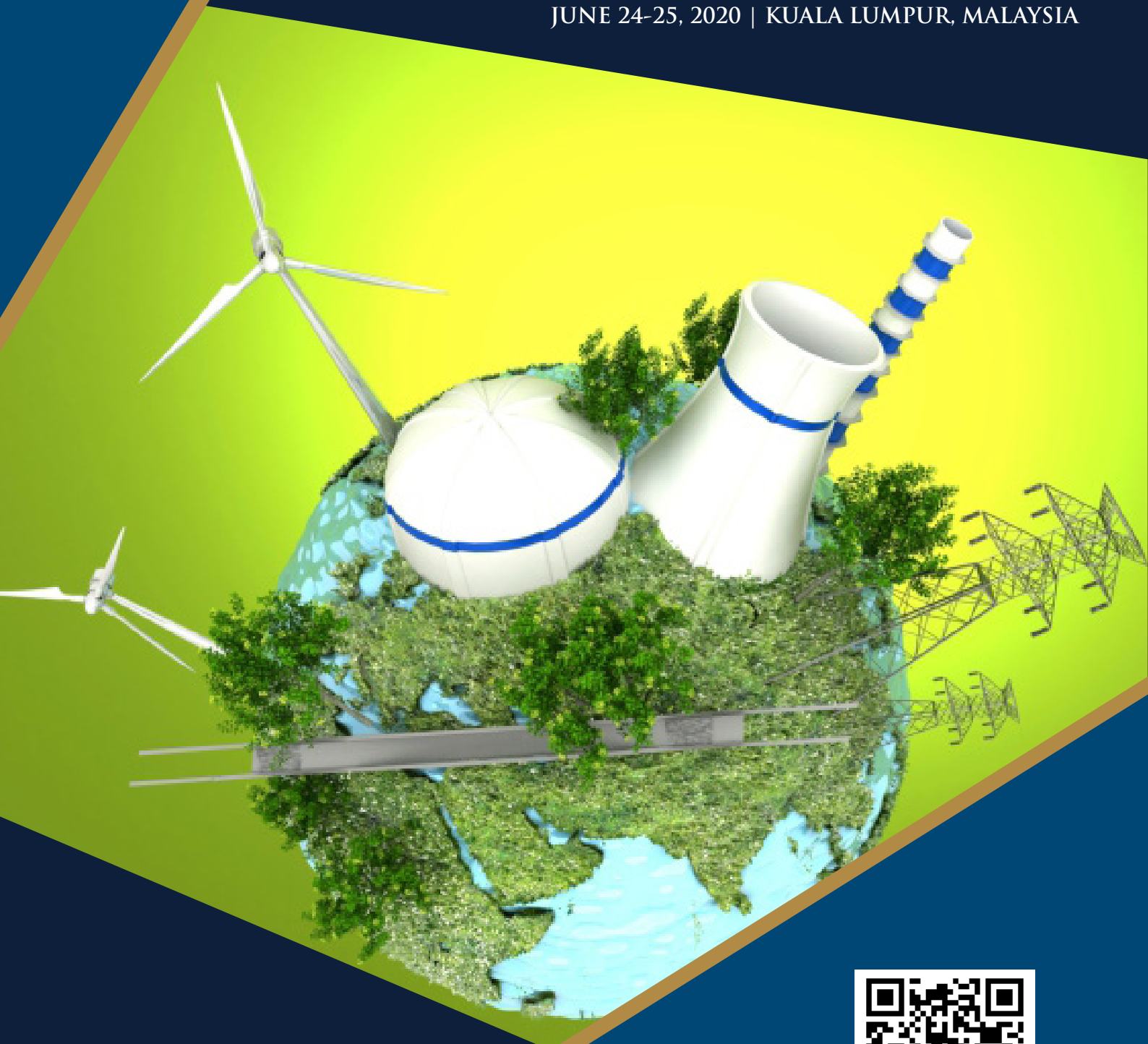
15TH WORLD CONGRESS ON

BIOENERGY & BIOMASS

JUNE 24-25, 2020 | KUALA LUMPUR, MALAYSIA



Bioenergy 2020

Invitation

Bioenergy 2020

Dear Attendees,

Meetings International proudly announces the 15th World Congress Conference on Bioenergy & Biomass scheduled during June 24-25, 2020 in Kuala Lumpur, Malaysia.. The conference emphasizes the theme "Biomass sustainability and Bioenergy for expanding a new horizon".

Biomass is organic material that comes from plants and animals, and it is a renewable source of energy.Biomass contains stored energy from the sun. Plants absorb the sun's energy in a process called photosynthesis. When biomass is burned, the chemical energy in biomass is released as heat. Biomass can be burned directly or converted to liquid biofuels or biogas that can be burned as fuels.Examples of biomass and their uses for energy Wood and wood processing wastes burned to heat buildings, to produce process heat in industry, and to generate electricity Agricultural crops and waste materials burned as a fuel or converted to liquid biofuels Food, yard, and wood waste in garbage burned to generate electricity in power plants or converted to biogas in landfills Animal manure and human sewage converted to biogas, which can be burned as a fuel

Sincerely,

Operating Committee

Bioenergy & Biomass 2020











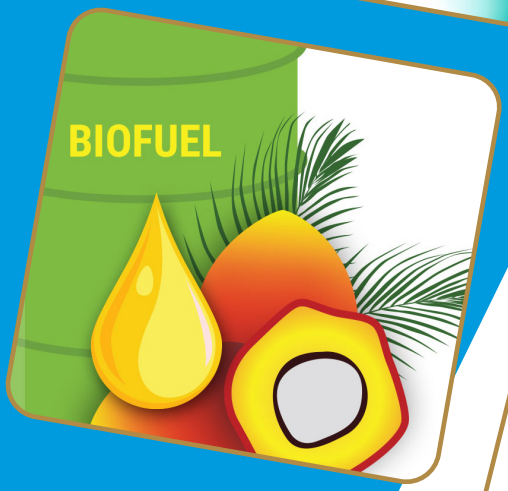
https://www.meetingsint.com/conferences/bioenergy

Conference Highlights

- Biomass Resources
- Biopower
- Biofuels
- Biobased Chemicals and Materials
- Integrated Biomass Systems and Assessments
- Biorefineries
- Biochar
- Global Renewable Bioenergy trends
- H2 from biomass
- Conventional combustion











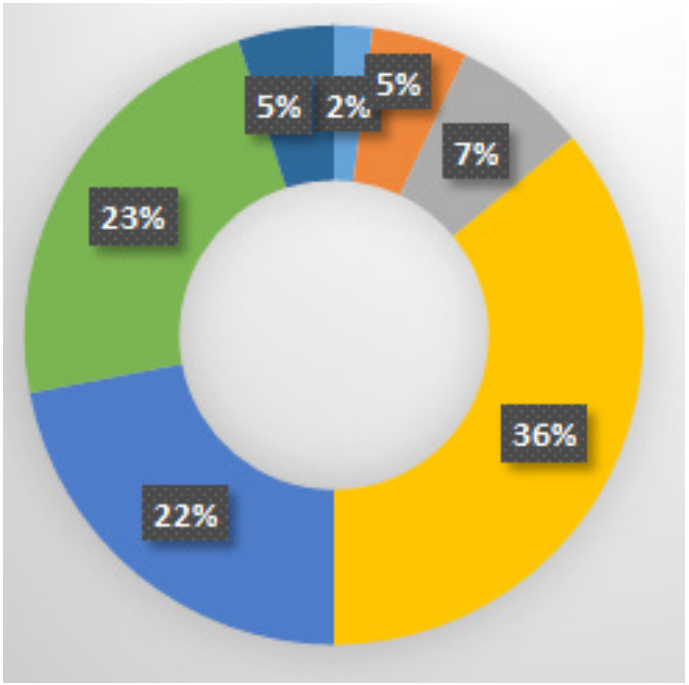
https://www.meetingsint.com/conferences/bioenergy



To identify the future directions of research

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Quality research



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



Bioenergy 2019

April 15, 2019	Conference Agenda	Day 1

Conference Hall: Keyaki

09:30-10:00 Registration

10:00-10:15 Opening Ceremony

10:15-10:30 Introduction

10:30-11:00 Keynote Forum

Title: Development of a high-performance ethanol-hydrogen peroxide fuel cell

Liang An, The Hong Kong Polytechnic University, Hong Kong

Group photo 11:00-11:05

Networking & Refreshment Break 11:05-11:20 @ Foyer

11:20-11:50 Keynote Forum

Title: Energy consumers' perceptions and behavior regarding their social and private energy and environmental costs

Omid Mohammadzadeh Rouhani, McGill University, Canada

11:50-12:20

Title: Clearly communicating about the bioeconomy: Making bioenergy research relevant and accessible to politicians and the public

Anton Holland, NIVA Inc., Canada

12:20-12:50

Title: Challenges to renewable energy regulation, commercialization and investment in India

Tabrez Ahmad, University of Petroleum & Energy Studies, India

Lunch Break 12:50-13:50 @ California Restaurant (Tower Wing 1st Floor)

13:50-14:20 Keynote Forum

Title: NSEOR an innovation in oil recovery

Omar Chaalal, Abu Dhabi University, United Arab Emirates

14:20-14:50

Title: Going miles with green smiles towards clean India

Lt Col Monish Ahuja (Retd), Punjab Renewable Energy Systems Private Limited, India

14:50-15:20

Title: Investigation of biogas generation from the wastes of a vegetable market in single and double chamber reactors

Md Abdul Jalil, Bangladesh University of Engineering and Technology, Bangladesh

Oral Session:
Bioenergy | Renewable & Sustainable Energy and Resources | Oil and Gas Processing | Energy and Environment | Advanced Materials for Energy Storage, Generation and Transmission

Session Chair: **Tabrez Ahmad,** University of Petroleum & Energy Studies, India
Session Co-chair: **Omid Mohammadzadeh Rouhani,** McGill University, Canada

15:20-15:40	**Title: Domestic biogas production and use to provide energy security to rural households-A case study in Nepal** **Shanti Kala Subedi,** Tribhuban University, Nepal
15:40-16:00	**Title: Bioenergy and carbon sequestration in India: A critical analysis of climate change and $C0_2$ standards in the environment** **Tabrez Ahmad,** University of Petroleum & Energy Studies, India

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

16:15-16:35	**Title: Bioenergy utilization for world development** **Brilliant Windy Khairunnisa,** Islamic State University of Sunan Ampel, Indonesia
16:35-16:55	**Title: Good impact of bioenergy in Indonesia at this era** **Qinthara Salsabila,** Islamic State University of Sunan Ampel, Indonesia
16:55-17:15	**Title: Singularly perturbed induction motor model based flux and torque robust control with estimation** **Fouzia Benmessaoud,** University Mostapha Benboulaid Batna, Algeria
17:15-17:35	**Title: Challenges & way forward in the bioenergy sector: An Indian perspective** **Colonel Rohit Dev (Retd),** Punjab Renewable Energy Systems Private Limited, India
17:35-17:55	**Title: Heat pipe application in fission driven nuclear power plant** **Bahman Zohuri,** University of New Mexico, Mexico
17:55-18:15	**Title: Managing uncertainties in biomass supply chain management: Case study from India** **Vikas Gupta,** Hindustan Petroleum Corporation Limited, India
18:15-18:35	**Title: Why we need nuclear power plants** **Bahman Zohuri,** University of New Mexico, Mexico
18:35-18:55	**Title: Alternative fuels for marine applications: Behaviour of biomethanol and biodiesel on properties of marine diesel oil** **Tatjana Paulauskiene,** Klaipeda University, Lithuania

Poster Presentations

BE-01

Title: Energy storage devices constructed with electrodes consisting of paper and conducting polymer composites

Petter Tammela, Uppsala University, Sweeden

BE-02

Title: Conductive polymers from biomass

Jonas Lindh, Uppsala University, Sweeden

Session Adjournment

April 16, 2019 | **Conference Agenda** | **Day 2**

Networking & Lunch @ California Restaurant (Tower Wing 1st Floor)



Biofuels and Bioenergy of 2018

Bioenergy 2020

July 16, 2018 | **Biofuel Conference Agenda** | **Day 1**

09:00 - 09:15 Registration

Conference Hall: Rosales

09:15- 9:30 Opening Ceremony

Keynote Forum

09:30-10:00 **Title: Biofuel precursors by microwaves catalytic conversion of lignocellulosic agro-industrial wastes**
Andres Moreno, University of Castilla-La Mancha, Spain

10:00-10:30 **Title: Biofuels and energy**
Yaning Zhang, Harbin Institute of Technology, China

10:30-11:00 **Title: Cloning, expression and characterization of β-xylanase gene from *Thermotoga naphthophila***
Muhammad Nauman Aftab, Government College University, Pakistan

11:00-11:05 **Group Photo**

Networking and Refreshment 11:05 - 11:20 @ Terrace

Oral Session:
Biodiesel | Biomass Conversion | Bioethanol | Biomass Feed Stocks for Renewable Energy Generation

Session Chair: **Andres Moreno, University of Castilla-La Mancha, Spain**

11:20-11:40 **Title: Diesel-biodiesel fuel exhaust gas-reformer for on-board H_2 production to improve the HC-SCR catalyst NOx reduction activity**
Ahmad M. Abu Jrai, Al-Hussein Bin Talal University, Jordan

11:40-12:00 **Title: Production of platform chemicals from sustainable exploitation of biomasses**
Claudia Antonetti, University of Pisa, Italy

12:00-12:20 **Title: The effect of changing compression ratio on the performance of an single cylinder SI (spark ignition) engine fueled with unleaded gasoline and bio ethanol at various blend ratios**
Ahmad O Hasan, Al-Hussein Bin Talal University, Jordan

12:20-12:40 **Title: Pretreatment of lignocellulosic biomass using fenton, ozone and peroxone process: Impact on enhancement of reducing sugar concentration and biogas production**
Sameena N Malik, Indian Institute of Technology, India

12:40-13:00 **Title: A study on the utilization of waste biomass available in N.E. India for syn-gas generation**
Harjeet Nath, Tripura University, India

13:00-13:20 **Title: Development of biodiesel production from brown grease**
Mirit Kolet, Ariel University, Israel

Lunch Break 13:20 - 14:15 @ Restaurant

Poster Session 14:15 - 15:30

Poster Judge: Claudia Antonetti, University of Pisa, Italy
Muhammad Nauman Aftab, Government College University, Pakistan

BF101	Title: Rich sugar biomass as raw material for catalytic conversion of glucose into biofuel Alberto Jose Huertas-Alonso, University of Castilla-La Mancha, Spain
BF102	Title: Synthesis of second generation biofuels from melon rind and its atmospheric implications Almudena Lorente Diezma, University of Castilla-La Mancha, Spain
BF103	Title: Microbial lipids production by batch culturing of oleaginous yeast using food processing wastes as the culture medium Hung-Teh Chan, Yuanpei University of Medical Technology, Taiwan
BF104	Title: Characteristic of tar content and syngas composition during cereal straw gasification Jacek Kluska, Institute of Fluid Flow Machinery, Poland
BF105	Title: Biotechnology reuse of vinasse produced at biocom in an anaerobic fluidized bed reactor for energy purposes Jose Joao Gaspar, Instituto Superior Politecnico de Tecnologias e Ciencias, Angola
BF106	Title: Sugar dehydration under Microwave-assisted radiation: a new green method for the synthesis of platform chemicals Manuel Salgado Ramos, University of Castilla-La Mancha, Spain
BF107	Title: Public dissemination of research on technological potentials of novel bioresource materials for sustainable food, energy and water resource development Urszula Norton, University of Wyoming, USA
BF108	Title: Effect of the levels of food processing wastes on the lipid production of oleaginous yeast for biodiesel production Yi-Huang Chang, Yuanpei University of Medical Technology, Taiwan

Networking and Refreshment 15:30 - 15:50 @ Terrace

Panel Discussion

Session Adjournmnet

July 17, 2018 Day 2

Lunch Break 12:30 - 14:00 @ Restaurant

Glimpses of Biofuels & Bioenergy events



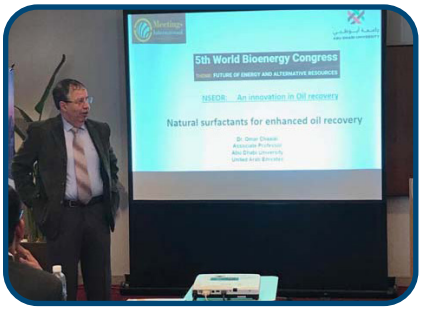






















Venue



Important Dates

Early Bird: ***December 31, 2019***

Registration Open: ***December 01, 2019***

Abstract Submission Open: ***December 01, 2019***

On Spot Registration: ***June 24, 2019***

Useful Links

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

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

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

Meetings International
28 Maxwell Road, #03-05 Red Dot Traffic, Singapore (069120)
Phone: +65 3158 1626, WhatsApp: +65 3158 1626
W: www.meetingsint.com E: bioenergy@asianmeetings.net