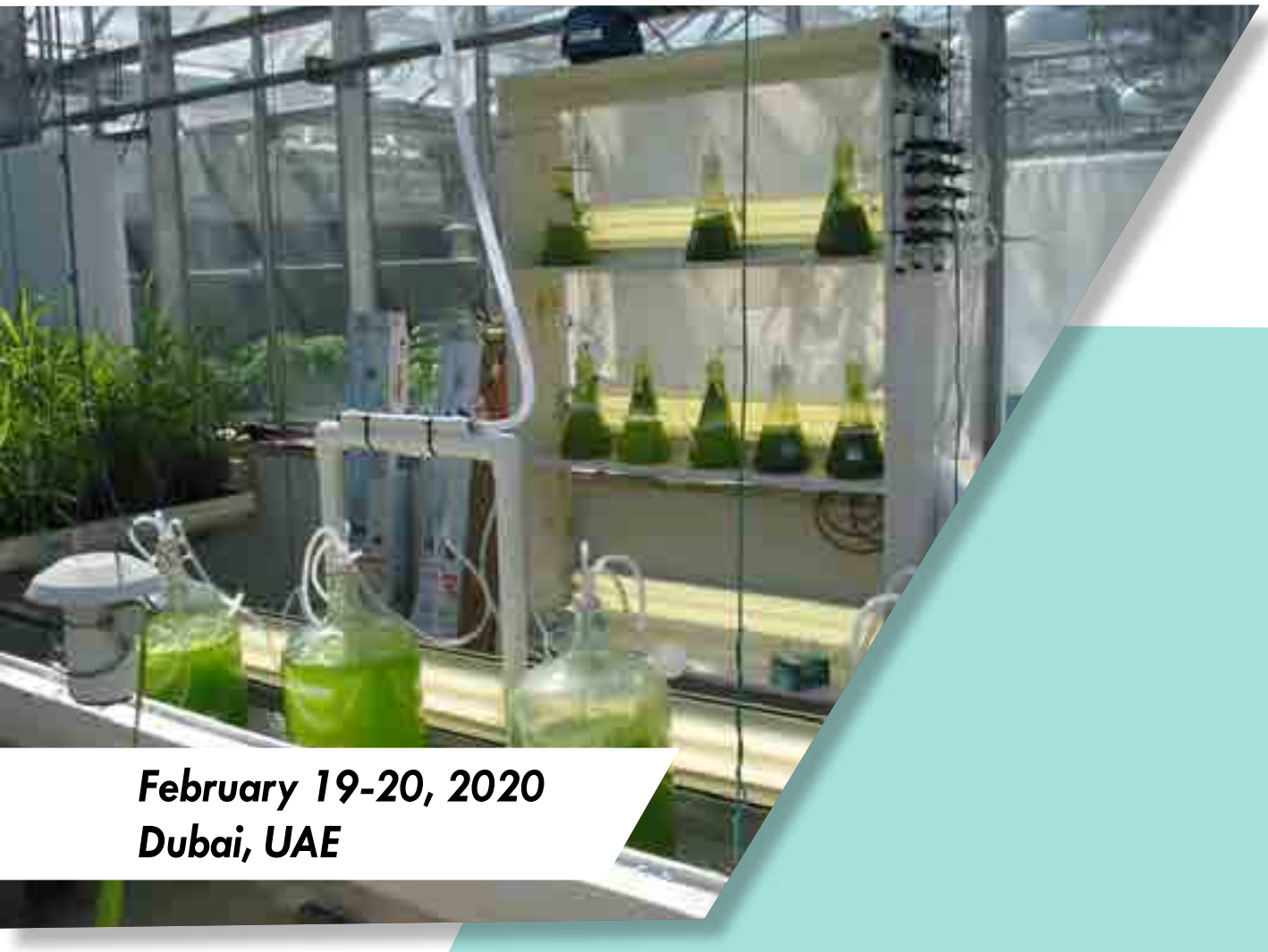
Meetings International

Tentative Program

11th International Conference on

Biofuel & Bioenergy



February 19-20, 2020
Dubai, UAE

Theme: Next generation fuels & chemicals

https://www.meetingsint.com/chemical-engineering-conferences/biofuels

Email: biofuel@annualmeetings.net

Biofuel & Bioenergy 2020	
February 19-20, 2020 | Dubai, UAE	
Day-1 February 19, 2020	
Hall-I	
09:30-10:00	Registration
10:00-10:15	Introduction by Moderator
Keynote Forum	
10:15-10:45	Tittle: Biogas and carbon dioxide recycling for renewable sources of energy and chemicals
	Venko Nikolaev Beschkov, Bulgarian Academy of Sciences, Bulgaria
Networking & Refreshment Break, 10:45-11:10	
11:10-11:40	Title: Biofuel production by anaerobic conversion of various waste streams
	Jeroen Hugenholtz, Wageningen Food & Biobased Research, The Netherlands
11:40-12:10	Title: Chemical energy from wastes (CEfW)– Employing gasification & pyrolysis to produce biofuels
	Kevin John Whiting, WSP, UK
12:10-12:40	Title: Bioenergy in circular economics
	Woodrow W Clark II, Clark Strategic Partners, USA
Group Photo 12:40-13:00	
Lunch Break 13:00-14:00	
Oral Session I	
Session Chair: Venko Nikolaev Beschkov, Bulgarian Academy of Sciences, Bulgaria	
14:00-14:25	Title: Biogas production by plant waste treatment
	Ivan K Angelov, Bulgarian Academy of Sciences, Bulgaria
14:25-14:50	Title: A step towards commercialization of biohydrogen photoproduction by green microalgae
	Fatemeh Khosravitabar, Ferdowsi University of Mashhad, Iran
14:50-15:15	Title: Various techniques of quantitative measurements of algal biomass along with statistical correlations
	Nishant Saxena, Reliance Industries Ltd., India
15:15-15:40	Title: The effect of Data Mining on Biofuel researches to predict the optimal answers: finding the suitable light intensity and ferric ion concentration for best influence on lipid characteristics and fatty acid profile of freshwater Microalgae for biodiesel production
	Erfan Arzhmand, FANAP Company, Iran
Networking & Refreshment Break, 15:40-16:00	
16:00-16:25	Title: Using genetic algorithm to predict the suitable light intensity for best influence on lipid characteristics and fatty acid profile of freshwater Microalgae for biodiesel production
	Marzie Rayati, Islamic Azad University, Iran
16:25-16:50	Title: The role of CORSIA in developing a market for sustainable aviation fuel
	Marijn van der Wal, Singapore
Session Adjournment	

Conference Agenda 2019

Conference Hall: Pegase

09:30-10:00	**Registrations**
10:00-10:15	**Introduction**
10:15-10:55	**Keynote Forum** **Title: RNG and the renewable fuel standard/low carbon fuel standard: The current driver in US biogas market** **Bernard B Sheff,** Montrose Environmental Group, USA

Networking and Refreshment 10:55-11:10 @ Meeting Halls

Group Photo 11:10-11:15

11:15-11:55	**Title: The development of sorghum bran based bio-refinery process** **Oyenike Makanjuola,** University of Huddersfield, UK
11:55-12:35	**Title: Biofuel and its potential towards greener and safer future** **Pradip Lingfa,** North Eastern Regional Institute of Science and Technology, India

Lunch Break 12:35-13:35 @ Door's Restaurant

13:35-14:15	**Title: Biomass:An underrated and deprioritized energy potential** **Abiodun Timilehin,** Word Impact Renewable Energy Limited, Nigeria

Oral Session I:
Advanced Biofuels | Biomass Technology

Session Chair: **Pradip Lingfa,** North Eastern Regional Institute of Science and Technology, India

14:15-14:45	**Title: Agricultural waste to energy toward biomass community planning** **Kazuei Ishii,** Hokkaido University, Japan
14:45-15:15	**Title: Societal harm arising from environmental toxicity** **Aijuka Nicholas,** Makerere University, Uganda
15:15-15:45	**Workshop** **Title: Status of Biogas upgrading in the US: Current projects and technologies** **Steven Estes,** Star BioEnergy Holdings, USA **Bernard B Sheff,** Montrose Environmental Group, USA

Networking & Refreshment Break 15:45-16:00 @ Meeting Halls

Oral Session II:
Bioenergy & Applications | Biogas and Biodiesel | Nanotechnology in Biofuels

Session Chair: **Pradip Lingfa,** North Eastern Regional Institute of Science and Technology, India

16:00-16:30

Title: Sustainable development of bioenergy from agriculture residues and environment
Abdeen Mustafa Omer, Energy Research Institute,UK

16:30-17:00

Title: Biodiesel as a partial substitute for mineral diesel in compression ignition engines
Pradip Lingfa, North Eastern Regional Institute of Science and Technology, India

17:00-17:30

Title: The use of international laws as a means of acting as universal environmental regulator in developing: Case study Nigeria
Aijuka Nicholas, Makerere University, Uganda

Poster Presentations 17:30-18:00

B-01

Title: The effect of digestion fertilization on the yield and SPAD values of selected plants cultivated in eastern Poland
Agata Witorozec, Institute of Soil Science and Plant Cultivation-State Research Institute, Poland

B-02

Title: Biodiesel production by using of lipase produced by *Pseudomonas Stutzeri* as a biocatalyst for transesterification reaction of olive oil
Israa M S AL-Kadmy, Mustansiriyah University, Iraq

Conference Adjournment



Conference Agenda 2019

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

Conference Agenda 2018

09:00 - 09:15	Registration

Conference Hall: Aurelia

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 @

Oral Session: Photovoltaic Market Trend | Global Renewable Bioenergy Trends | Future Sources of Biofuels and Bioenergy | Bioenergy Elites

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

11:20-11:40	**Title: Diesel-biodiesel fuel exhaust gas-reformer for on-board H2 production to improve the HC-SCR catalyst NOx reduction activity** Ahmad M. Abu Jrai, Al-Hussein Bin Talal University, Jordan
11:40-12:10	**Title: Production of platform chemicals from sustainable exploitation of biomasses** Claudia Antonetti, University of Pisa, Italy
12:10-12:30	**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
12:30-12:50	**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
12:50-13:10	**Title: A study on the utilization of waste biomass available in N.E. India for syn-gas generation** Harjeet Nath, Tripura University, India
13:10-13:30	**Title: Development of biodiesel production from brown grease** Mirit Kolet, Ariel University, Israel

Lunch Break 13:30 - 14:15 @

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 @

Panel Discussion

Session Adjournmnet and Award Ceremony

Glimpses of Biofuels & Bioenergy events

















About Dubai

Dubai is a city and emirate in the United Arab Emirates known for luxury shopping, ultramodern architecture and a lively nightlife scene. Burj Khalifa, an 830m-tall tower, dominates the skyscraper-filled skyline. At its foot lies Dubai Fountain, with jets and lights choreographed to music. On artificial islands just offshore is Atlantis, The Palm, a resort with water and marine-animal parks.



Mail us to know more!

For Abstract Submission Guidelines | For Reserving your slot | Proposals | Registration | Posters | Accommodations
No doubt you have lots of queries... Why not get in touch..!
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: biofuel@annualmeetings.net