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Bioenergy 2017

5th World Bioenergy Congress and Expo

June 29-30, 2017 Madrid, Spain

Theme: Bioenergy: Upgrading sources of energy for future generation

Tentative Program



For Available Speaker Slots

Contact

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Conference Secretariat

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Keynote speakers @ Bioenergy-2017



Lew P.Christopher
Lakehead University
Canada



Weilan Shao
Jiangsu University
China



Animesh Dutta
Bio-renewable
Innovation Lab
Canada



Irene M. C. LO
Hong Kong University
Hong Kong



Mohammed Farid
University of Auckland,
New Zealand



Rintu Banerjee
IIT Kharagpur,
India



Kunio Yoshikawa
Tokyo Institute of
Technology, Japan

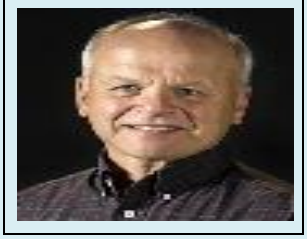


Boon Leong Lim
University of Hong
Kong, China

Organizing Committee Members @ Bioenergy-2017

















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Tentative Program	
Day 1 June 29, 2017	
08:00-09:00	**Registrations**
09:00-09:25	**Opening Ceremony**
Keynote Forum	
	Introduction
	Lew P. Christopher, Lakehead University, Canada
	Animesh Dutta, University of Guelph, Canada
	Weilan Shao, Jiangsu University, China
	Rintu Banerjee, IIT Kharagpur, India
	Keynote slot available
	Coffee Break
	Track 7: Biogas **Track 10: Bioenergy Applications**
	Title: Biogas desulfurization by autotrophic denitrification – temperature dependence
	Dana Pokorna, University of Chemistry and Technology, Czech Republic
	Title: Green economic development in the City of Johannesburg: production of biogas to fuel city buses
	William H. L Stafford, Council for Scientific and Industrial Research (CSIR), South Africa
	Title: Bioconversion of carbon dioxide in biogas to methane
	Jana Zabranska, University of Chemistry and Technology, Czech Republic
	Title: Deployment of a bio-economic 'hub' in rural Thailand by means of a Centralized biogas plant
	Rikke Lybaek, University of Roskilde, Denmark
	Title: Energy and economical evaluation of a biogas generation plant under the Feed-in Tariff scheme in Japan
	Shiho Ishikawa, Hokkaido University, JAPAN
	Title: A lean startup strategy to overcome the entrepreneurial challenges in Bioenergy sector: in context of National Mission for a 'Green India"
	P.Pachauri, NIET, India
	Title: Environmental impact and technical requirements of flexible energy supply from biogas-driven cogeneration units
	Simon Juan Tappen, Bavarian State Research Center for Agriculture, Germany

	Title: Evaluation of mechanical comminution as substrate pretreatment in biogas production
	Diana Andrade, Bavarian State Research Center for Agriculture, Germany
	Title: A model-based analysis of future electricity production from biogas in Germany
	David Balussou, Karlsruhe Institute of Technology, Germany
	Title: Project Muze City International Biogas Projects Featuring Commercial Biogas Real Estate And Communal Biogas Kitchen And Food Chain
	Syeda Shama Tahsim, Tongji University New Zealand

Speakers slot available @ Bioenergy 2017

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	Lunch Break
	Track 4: Renewable Energy **Track 5: Bioenergy Transition** **Track 6: Processes for Bioenergy** **Track 8: Biodiesel**
	Title: Extracting value from non-potable water using halophilic algae: a water-food-energy nexus approach for delivering bioenergy
	Patricia J Harvey, University of Greenwich, UK
	Title: Enabling Next Generation Biofuels and Bioproducts for the Emerging Bioeconomy
	David M. Babson, U.S. Department of Energy Bioenergy Technologies Office, USA
	Coffee Break
	Title: Business models for bioenergy villages-A compilation of main components of business models as part of the BIOVILL project
	Konstanze Stein, KEA Climate Protection and Energy Agency, Germany
	Title: Is the Open Data maturity of the Spanish energy sector sufficiently high to enable the successful deployment of a Circular Economy strategy?
	Elena Perez-Minana, CENSUI, Spain
	Title: The importance of adaption of new waste management technologies to supply African, Asian and South American rural communities with electricity demands
	Atef Zayed, Renewable energy Business, Egypt
	Title: Production of biodiesel by Jatropha Oil: A substitute fuel of diesel engine
	Arvind K Tiwari, , NIET, India
	Title: Egg shells derived CaO-Co doped nano-particles used for catalytic transformation of lipid of Scenedesmus quadricauda to biodiesel by transesterification process
	Velentina Das, Tezpur University,India
	Title: Production of fatty acid methyl ester (biodiesel) from used palm oil and sunflower oil by transesterification process
	Ch. V. Naga Sowjanya, Andhra University, India

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Day 2 June 30, 2017	
Keynote Forum	
	Mohammed Farid, University of Auckland, New Zealand
	Irene M. C. LO, Hong Kong University, Hong Kong
	Kunio Yoshikawa, Tokyo Institute of Technology, Japan
	Boon Leong Lim, University of Hong Kong, China
	Keynote slot available
	Track 1: Biomass feed stocks for renewable energy generation **Track 2: Biomass** **Track 3: Bioenergy Conversion**
	Title: Improving Photosynthetic Efficiency and Biomass Yield in Plants and Algae
	Richard Sayre, Los Alamos National Laboratory, USA
	Coffee Break
	Title: Theoretical elucidation of the molecular behaviour of levoglucosan during biomass pyrolysis
	Xiaolei Zhang, Queen's University Belfast, UK
	Title: The future of Bioenergy in Turkey
	Nedim Saracoglu, Bartin University, Turkey
	Title: Finding robust strategies to overcome biomass supply risks
	Peter Rauch, University of Natural Resources and Life Sciences, Austria
	Title: Carbon Nanotubes and Hydrogen productions by Catalytic Pyrolysis-Catalysis from High Density Polypropylene using stainless steel mesh
	Yeshui Zhang, University of Leeds, UK
	Title: "Microalgal Biomass" A renewable source of energy
	Khalid Fares, Cadi Ayyad University, Morocco
	Lunch Break
	Title: Alkaline pretreatment and saccharification of woody biomass: Castor Stalk
	Santosh Sankh, Reliance Technology Group, India
	Utilization of Biomass based wastes:Development of Bio-pesticidal Formulations for Insect Pest Control
	Megha Pant, IIT Delhi, India
	Title: More accurate waste biomass assessment via statistical regression analysis: application to assessment of biomass potential of cassava waste in Nigeria
	Chigbogu G Ozoegwu, University of Nigeria Nsukka, Nigeria

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	Track 9: Biofuels **Track 11: Bioethanol** **Track 12: Biomass Technology**
	Title: Duel Fuel Technology in Biomass CHP-Systems
	Markus Brautsch, University of Birmingham, Germany
	Title: Hydraulic Injection Characteristics of different Biofuels
	Raphael Lechner, University of Applied Sciences, Germany
	Title: Pyrolysis of Coconut Shell and its Potential as Fuel
	Kasalanati Prabhakar, Shymkent, Kazakhstan
	Title: Pretreatment strategies for hydrolysis of Lignocellulosic biomass: Potential challenges and future perspective for Biorefineries
	Gunjan Mukherjee, Chandigarh University, India
	Title: Production of Bio-oil via Pyrolysis of Biomass in a fixed bed reactor
	Rahul Garg, NIET, India
	Title: Fatty acid methyl esters (FAMEs) obtained from rare seeds of Tunisia: Ibicella lutea, Peganum harmala, Smyrnium olusatrum, Onopordum nervosum and Solanum elaeagnifolium
	David Bolonio, Universidad Politécnica de Madrid, Spain
	Title: Simultaneous delignification and saccharification of mixed lignocellulosics for improved ethanol production in a single bioreactor: An eco-friendly enzymatic venture
	Avanthi Althuri, Indian Institute of Technology, India
	Title: A challenging attempt towards utilization of non-edible lignocellulosics for cost-effective biobutanol production
	Sanjeev Kumar, Indian Institute of Technology, India

Speakers slot available @ Bioenergy 2017

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	Poster Presentations on Day 2 (June 30, 2017)
BE-01	**Title:** Performance of Nickel supported catalysts in steam reforming of toluene as a tar model compound for use in hot-syngas clean-up
	Abolghasem Shahbazi, CREST Center for Bioenergy, USA
BE-02	**Title:** Bioenergy: Waste To Energy – The Route To A Cleaner Environment
	Wasim Haskiya, Keelings, Ireland

BE-03	**Title:** Microwaved-assisted deoxydehydration of glycerol to allyl alcohol
	Yanet Rodriguez Herrero, University of Alberta, Canada
BE-04	**Title:** Hemicellulosic bioethanol production from Paulownia wood
	Elena Domínguez, University of Vigo, Spain
BE-05	**Title:** Optimization of fast growing biomass fractionation processes
	Pablo G. del Río, University of Vigo, Spain
BE-06	**Title:** Evaluation of a willow system for wastewater treatment and energy crop production in Norwegian climate
	Verónica Vela Vela, Polytechnic University of Valencia, Spain
BE-07	**Title:** Utilization of steam-exploded Quercus mongolica and micro-organism materials as components in soilless growth media for herbaceous and woody plants
	Jai Hyun Park, Gyeongsang National University, South Korea
BE-08	**Title:** Fast pyrolysis of Miscanthus X giganteus by Py-GC/MSD
	Maryam Ghalibaf, University of Jyvaskyla, Finland
BE-09	**Title:** Effect of harvest age on bioethanol production from short rotation woody crops
	Ji Young Jung, Gyeongsang National University, South Korea
BE-10	**Title:** Physical and chemical properties and growing media applications of pretreated wood chip
	Si Young Ha, Gyeongsang National University, South Korea
BE-11	**Title:** Enzymatic biomass deconstruction: an attempt towards selective lignin degradation for improved reducing sugar release
	Rajiv Chandra Rajak, Indian Institute of Technology, India
BE-12	**Title:** Blue and yellow laccase mediated delignification of Ricinus communis: A comparative study
	Nikhil Maan, Indian Institute of Technology, India
BE-13	**Title:** Lipid Accumulation in Oleaginous Aspergillus sp. utilizing Glycerol – a byproduct of biodiesel biorefinery
	G. Lohit K. Srinivas, Indian Institute of Technology, India
BE-14	**Title:** Improved biodiesel production from Chlorella minutissima and Aspergillus awamori through phyco-myco co-cultivation
	Archana Dash, Indian Institute of Technology, India
BE-15	**Title:** Statistical modeling for optimization of enzymatic delignification for improved reducing sugar yield
	Ravi Ranwa, Indian Institute of Technology, India
BE-16	**Title:** Bioethanol production through simultaneous saccharification and fermentation from citrus fruit waste
	Debajyoti Kundu, Indian Institute of Technology, India

BE-17	**Title:** Enhanced ethanol production from sugarcane tops via co-fermentation of pentoses and hexoses
	Knawang Chhunji Sherpa, Indian Institute of Technology, India
BE-18	**Title:** Utilization of Non-edible Lignocellulosics for 2G Ethanol Production
	Akhilendra Singh Baghel, Indian Institute of Technology, India
10+ Poster Slots Available	
	Award Ceremony
****Note: Tentative Program has been designed with the projected Speakers Names and Titles.**	

Tourism Attraction in Madrid, Spain













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Venue
Meliá Avenida América
C/ Juan Ignacio Luca de Tena, 36
Madrid 28027
Spain

Important Dates
Abstract Submission Opens: July 1, 2016
Online Registration Opens: July 5, 2016
Early bird registration: April 30, 2017
On spot Registration: June 29, 2017

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