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Scientific Program

4th Annual Congress and Expo on

Biofuels and Bioenergy

April 27-28, 2017 Dubai, UAE



Conference Series

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Day 1 April 24, 2017

08:30-09:30 Registrations

Salon III

conferenceseries.com **09:30-09:55** Opening Ceremony

Keynote Forum

09:55-10:00 Introduction

10:00-10:40
Title: Functional genomics analysis of *Clostridium cellulolyticum* for lignocellulose bioconversion
Jizhong Zhou, University of Oklahoma, USA

10:40-11:20
Title: Investment opportunities for biofuels in the Province of Saskatchewan, Canada
Rick Musleh, Government of Saskatchewan, Canada

Coffee Break: 11:20-11:40 @ Pre Function Area

Sessions:
Biofuels | Biorefineries | Biodiesel | Production of Biofuels | Aviation biofuels | Biomass

Session Chair: Ka Fu Yung, The Hong Kong Polytechnic University, Hong Kong

Session Introduction

11:40-12:10
Title: Utilization of spent K-Cups for crude bio-oil production
Qaun (Sophia) He, Dalhousie University, Canada

12:10-12:40
Title: Transition metal oxide based heterogeneous catalyst for green biodiesel production
Ka Fu Yung, The Hong Kong Polytechnic University, Hong Kong

Group Photo

Lunch Break: 12:40-13:40 @ Pre Function Area

13:40-14:10
Title: Hydrothermal liquefaction in an integrated bio-refining platform
Ib Johannsen, Aarhus University, Denmark

14:10-14:40
Title: Why Every Airline Should Use Biofuel
Sean D O Brien, Air Sumatra Airlines, USA

14:40-15:10
Title: A study on influences of torrefaction to enhance the chemical characteristics of pyrolytic liquids from fast pyrolysis of palm kernel shells
Henry Persson, KTH Royal Institute of Technology, Sweden

Refreshment Break: 15:10-15:30 @ Pre Function Area

15:30-16:00
Title: Forest biomass recovering and soil respiration rate
Mande K H, Kaduna State University, Nigeria

16:00-16:30
Title: Modelling of carbon dioxide properties in different ionic liquids using neural networks
Anshul Sogani, Pandit Deendayal Petroleum University, India

Panel Disscussion

Day 2 April 28, 2017

Salon III

Keynote Forum

09:30-10:10
Title: Palm oil extraction revolutionary technology
Jose Marques, IncBio, Portugal

10:10-10:50
Title: How bio-fuels & bio-energy can contribute to sustainable development of uae
Amruta Kshemkalyani, Sustainability Tribe, UAE

	Coffee Break: 10:50-11:10 @ Pre Function Area
11:10-11:40	**Title: The role of Biofuels and Bioenergy on the Poverty Alleviation in the Developing Countries of the World Particularly South Asia** **Muhammad Usman,** Former Director General of Agricultural Research System, Pakistan
Sessions: **Bioenergy | Biorefineries | Biogas | Algae Biofuels | Biohydrogen**	
Session Chair: Amruta Kshemkalyani, Sustainability Tribe, UAE	
11:40-12:10	**Title: Into the design of sustainable biorefineries: A techno-economic, environmental and social assessment of biojet fuel production chains in Brazil** **John A. Posada,** Delft University of Technology, Netherlands
12:10-12:40	**Title: Production, characterization and engineering of two Beta-1,4-Xylanase GH10s originating from a thermophilic filamentous fungus** **Kelly Dwyer,** University of Limerick and Monaghan Biosciences Ltd., Ireland
12:40-13:10	**Title: Renewing renewable energy** **Babar Ahmed,** Mayor Shikarpur, Pakistan
	Poster Presentation: 13:10-13:30
BF01	**Title: Killer yeast inhibit hydrogen-yielding acidogenic step of anaerobic digestion of bio-waste, intermediate products and by-products of the sugar industry** **Anna Detman,** Polish Academy of Sciences, Poland
BF02	**Title: A brief review: Physiochemical properties and solubility of ionic liquids for carbon dioxide capture** **Kamal Sood,** Pandit Deendayal Petroleum University, India
BF03	**Title: Biogas based adsorption refrigeration system: A parametric study of adsorption based heat transfer** **Kinger Yash J,** Pandit Deendayal Petroleum University, India
	Lunch Break 13:30-14:20 @ Pre Function Area
	Panel Discussion
	Awards & Closing Ceremony

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April 16-17, 2018 Dubai, UAE

