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934th Conference

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 27, 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

16:00-16:20 **Title: A brief review: Physiochemical properties and solubility of ionic liquids for carbon dioxide capture**
Kamal Sood, Pandit Deendayal Petroleum University, India

16:20-16:40 **Title: Comparative study of Bio-diesel produced from waste and virgin cooking oil using Sonication**
Rahulkumar Hasmukhbhai Kotadiya, 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: Fuels, biofuels, bioenergy, energy efficiency, clean technology and sustainability which is the most powerful tool for reducing global Poverty and hunger in the Developing Countries of the World like 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
	Lunch Break 13:30-14:20 @ Pre Function Area
	Panel Discussion
	Awards & Closing Ceremony

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April 16-17, 2018 Dubai, UAE

