

conferenceseries.com

Scientific Program

1596th Conference

9th ANNUAL CONGRESS AND EXPO ON

BIOFUELS AND BIOENERGY

APRIL 16-17, 2018 DUBAI, UAE



BIOFUELS CONFERENCE 2018

Conference series

47 Churchfield Road, London, W3 6AY, UK

Direct: +1-650-889-4686 Ext: 6023, Tel: +1 (800) 216 6499

E-Mail: biofuelsconference@chemseries.com | biofuelsconference@enggconferences.com

Scientific Program

Biofuels Conference 2018

09:15-09:40

Registration Opens

Salon V-VI

09:40-10:10

Opening Ceremony

10:10-10:15

Introduction

Keynote Presentation

10:15-10:55

Title: A new generation of biodiesel formulation with unprecedented properties

Werner Kunz
Regensburg University, Germany



10:55-11:20

Networking and Refreshments Break with Group Photo @ Foyer

Keynote Presentation

11:20-12:00

Title: Advances in renewable energy at Reliance Industries
Ajit Sapre
Reliance Industries Limited, India



Scientific Sessions: Biorefineries | Bioethanol | Biodiesel | Algae biofuels

Session Chair: **Sudip K Rakshit**, Lakehead University, Canada

12:00-12:25

Title: Algae based biofuels: Boon or bane?

Guido A Reinhardt, IFEU-Institute for Energy and Environmental Research Heidelberg, Germany

12:25-12:50

Title: Culture of *Spirulina platensis* in wastewaters: Enhancing biomass and lipids production manipulating temperature, irradiance, salinity or P/N contents

Luis G Torres, UPIBI-Instituto Politécnico Nacional, México

12:50-13:15

Title: What can the bio-economy learn from other commodity markets?

Michael Boot, Eindhoven University of Technology, Netherlands

Lunch Break 13:15-14:15 @ The Marketplace Restaurant

Special Session

14:15-15:00

Title: An update on the global production of cellulosic ethanol and advanced biofuels

Sevim Z Erhan, United States Department of Agriculture-Agricultural Research Service, USA

Continuation of Scientific Sessions

15:00-15:25

Title: Conversion of wood hemicellulose into fully biobased products

Sudip K Rakshit, Lakehead University, Canada

15:25-15:50

Title: Water hyacinth as potential feedstock for bioethanol production

Aprajita Chauhan, Sri Aurobindo College, India

Special Talk

15:50-16:20

Title: PRESPL contribution to biomass supply chain management: Protecting environment by providing rural employment

Monish Ahuja, Punjab Renewable Energy Systems Private Limited, India

Tuesday 17th April 2018

Day 2

Salon V-VI

09:15-09:30

Introduction

9:30-10:20

Keynote Presentation

Title: How to improve the sustainability of 1st and 2nd generation biofuels for transportation

Guido A Reinhardt

IFEU-Institute for Energy and Environmental Research Heidelberg
Germany



10:20-10:35

Networking and Refreshments Break @ Foyer

Scientific Sessions: Biomass | Biodiesel | Advanced Biofuels

Session Chair: **Sevim Z Erhan**, United States Department of Agriculture-Agricultural Research Service, USA

10:35-11:00

Title: Water-in-diesel fuel nanoemulsions: Preparation using high-energy emulsification method, stability and physical properties

Jyostna Waghmare, Institute of Chemical Technology, India

11:00-11:25

Title: Waste cardboard as carbon source for cellulase production by a wild strain of *bacillus subtilis* and its potential in consolidated bioprocessing for biofuel production

Ahlam S Al Azkawi, Sultan Qaboos University, Oman

11:25-11:50

Title: Bio- chemical conversion of food waste to feed stock

Ajaykumar Soni, Praj Industries Limited, India

11:50-12:15

Title: Improving growth and glycogen productivity of a *Cyanobacterium* through genetic engineering

Shireesh Srivastava, International Centre for Genetic Engineering and Biotechnology, India

Special Session

12:15-13:00

Title: Why every airline should use biofuel

Sean D O'Brien, Ohlone College, USA

Lunch Break 13:00-14:00 @ The Marketplace Restaurant

Scientific Sessions: Advanced Biofuels | Production of Biofuels

Session Chair: **Sevim Z Erhan**, United States Department of Agriculture-Agricultural Research Service, USA

14:00-14:25

Title: Supercritical carbon dioxide extraction and fractionation of lipids for biofuel production from untreated microalgae *Nannochloropsis oculata* and *Chlorella vulgaris*

Sara Obeid, University of Toulouse, France

14:25-14:50

Title: From flask to airlift: Impact of environmental and operative conditions over a microalgae consortium composition and lipid production

Yaremi López-Hernández, UPIBI-Instituto Politécnico Nacional, México

Poster Presentations 14:50-15:30

BFC-01

Title: Bioethanol production from co-culture fermentation using *Candida shehatae* and *Zymomonas mobilis* from kans grass biomass

Archana Mishra, Indian Institute of Technology Roorkee, India

BFC-02

Title: Date Palm lignin Successful Extraction and Characterization

Nour S AbdelRahman, United Arab Emirates University, UAE

Networking Session & Refreshment Break 15:30-16:15 @ Foyer