

6th World Congress on

BIOFUELS AND BIOENERGY

September 05- 06, 2017 London, UK



Conference Series - America

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Conference Series - UK

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Atlantis 1

conference**series**.com 10:00-10:25

Opening Ceremony

Keynote Forum

10:25-10:30 Introduction

Title: Developing an advanced biofuels industry in California: The alternative and renewable fuel and vehicle technology program

10:30-11:10

Commissioner Janea A Scott, California Energy Commission, USA

Networking and Refreshments Break 11:10-11:30

11:30-12:10

Title: Biomass resource optimization tools in the food-fuel-environment context

Goetz Richter, Rothamsted Research, UK

12:10-12:50

Title: The assessment of CH₄ and N₂O emissions in biomass CHP systems

Markus Brautsch, Technical University of Applied Sciences Amberg-Weiden, Germany

Lunch Break 12:50-01:35

Sessions: Advanced Biofuels | Algae Biofuels | Food Vs Biofuels | Production of Biofuels | Renewable Energy

Session Chair: Markus Brautsch, Technical University of Applied Sciences Amberg-Weiden, Germany

Session Co-chair: Frank Rosillo-Calle, Imperial College London, UK

Session Introduction

01:35-01:55

Title: The food and fuel controversy- Perceived and real potential conflict of biofuels and food security

Frank Rosillo-Calle, Imperial College London, UK

01:55-02:15

Title: Comparison of Bio-Ethanol and Biogas: Net energy ratio, total yield, and greenhouse gas emissions

Wolfgang Bauer, Michigan State University, USA

02:15-02:35

Title: Growth of the algae *Chlorella vulgaris* at the photobioreactor and extraction of fatty acids for biodiesel production

Handan Erturk, University in Konya, Turkey

02:35-02:55

Title: Performance analysis of an IT-SOFC/GT hybrid system using gasified biomass fuel under different operating modes

Xiaoqing Lv, Shanghai Jiao Tong University, China

02:55-03:15

Title: A research into the microbial hydrolysis and bioconversion of coal

Junior Te'o, Queensland University of Technology, Australia

03:15-03:35

Title: Economic study on the potential of Bio-based-Industry in UAE

Naeema Ibrahim Al Darmaki, UAE University, UAE

03:35-03:55

Title: Towards the development of rapid Biofilm Antibiotic Sensitivity Testing (BAST)

Bassam Aljohny, King Abdulaziz University, Kingdom of Saudi Arabia

Networking and Refreshments Break 03:55-04:15

04:15-04:35

Title: Production of Microalgae Biomass: Upscaling of five commercial microalgae strains in greenhouse at northern latitudes

Henry T Bedoya, University of Life Sciences, Norway

04:35-04:55

Title: Estimation of the production of electric and thermal energy for a controlled landfill (Morocco)

Youssef NAIMI, University of Hassan II Casablanca, Morocco

04:55-05:10 **YRF: Prospects of bioethanol production from lignocellulosic rich weeds of North East India**

Pankaj Bharali, Gauhati University, India

05:10-05:25 **YRF: Lipidomic Profiling: Unveiling a direct route for conversion of polar lipids to neutral lipids in microalgae *Chlorella species* and *Scenedesmus abundans* under nitrogen Limited Condition**

Jyoti Singh, IIT Roorkee, India

Video Presentatios

Panel Discussion

Day 2 September 06, 2017

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Keynote Forum

10:00-10:40 **Title: Production of ethanol from pretreated waste paper through separate enzymatic hydrolysis and fermentation**

Sivakumar Nallusamy, Sultan Qaboos University, Oman

Networking and Refreshments Break 10:40-11:00

11:00-11:40 **Title: Organic Shock Loads Effects (with and without Alkalinity) in Submerged Anaerobic Membrane Bioreactors (SAMBRs): Changes in Feed Strengths at Constant Hydraulic Retention Time (HRT)**

Aurangzeb Akram, Imperial College London, UK

Sessions: Biomass, Bioenergy Conversion & Applications | Biomass feed stocks for renewable energy generation, Process for Bioenergy | Biogas, Bioethanol & Biodiesel

Session Chair: Sivakumar Nallusamy, Sultan Qaboos University, Oman

Session Co-chair: Andrés Moreno, University of Castilla-La Mancha (UCLM), Spain

Session Introduction

11:40-12:00 **Title: Speciation study of bioethanol from dates (HPLC-ICP-MS) linked to molecular sieve and sodium borohydride treatment**

mirella ELKADI, The Petroleum Institute Campus, UAE

12:00-12:20 **Title: Biofuel precursors from food wastes using microwaves radiation**

Andrés Moreno, University of Castilla-La Mancha (UCLM), Spain

12:20-12:40 **Title: SOFC CCHP – Treating biogas for the use in a SOFC-system**

Christof Weinlaender, Insitute of Thermal Engineering, Austria

12:40-01:00 **Title: Bioethanol from lignocellulosic biomass: Current findings determine research priorities**

Qian Kang, KU Leuven, Belgium and Beijing University of Chemical Technology, China

Lunch Break 01:00-01:45

01:45-02:05 **Title: Bioethanol production from two monoculture algal species *Cladophora fracta* (Dillw.) *Kützing* and *euglena polymorpha dangeard***

Ghazala Butt, GC University, Pakistan

02:05-02:25 **Title: Partial separation of simulated lignocellulosic hydrolyzate via nanofiltration**

Gopal P Agarwal, Indian Institute of Technology Delhi, India

02:25-02:45 **Title: Comparative study on the nutrient concentration and productivity of bio-slurry before and after treatment with chemical fertilizer**

Kefel Wagaw, Bahir Dar University, Ethiopia

02:45-03:05 **Title: Microalgae of Northeast India for bio-energy and other products of commercial potential based on the biorefinery approaches**

Mohan Chandra Kalita, Gauhati University, India

03:05-03:25 **Title: Using of the ecological analysis to justify the environmental feasibility of biohydrogen Production from cassava wastewater biogas**

Jonni Guiller F Madeira, CEFET and UFRRJ, Brazil

03:25-03:40 **YRF: A comparative study on biodiesel production from waste cooking oils obtained from different sources using supercritical methanol**

Omar Abo El-Azayem, London South Bank University, UK

03:40-03:55 **YRF: Mass and energy recovery from rice straw as a biomass resource**

MennatAllah Labib, The British University in Egypt, Egypt

03:55-04:10 **YRF: Use of 4-Dodecylbenzenesulfonic acid catalyst on the methanolysis of the rapeseed oil in meso- integral baffled reactor**

Luma Al-saadi, Newcastle University, UK

Networking and Refreshments 04:10-04:30

04:30-04:45 **YRF: Biorefinery approach of microalgae feedstock for the production of bioethanol and biodiesel**

Ramachandran Sivaramakrishnan, Chulalongkorn University, Thailand

Poster Presentations 05:00-05:30

Awards & Closing Ceremony



Bookmark your dates

12th World Congress on

Biofuels and Bioenergy

September 04-05, 2018 Zurich, Switzerland

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