

conferenceseries.com

Euro-Global Summit and Expo on

Biomass

August 08-09, 2016 Birmingham, UK

Scientific Program



Hosting Organizations: Conference Series LLC

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA

Ph: +1-702-508-5200 Ext: 8044, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

Conference Series Ltd

Heathrow Stockley Park Lakeside House, 1 Furzeground Way, Heathrow, UB11 1BD, UK, Tel: +1-800-216-6499

Email: euromass@omicsgroup.com; euromass@conferenceseries.com

Hampton Suite

conference**series.com** 09:30-09:55

Opening Ceremony

Keynote Forum

- 09:55-10:00 Introduction
- 10:00-10:35 Title: **Biomass energy: A forest management perspective**
Han-Sup Han, Humboldt State University, USA
- 10:35-11:10 Title: **Desert cultivation and its contribution to the greening of the world**
Bo G Eriksson, Swedish center for applied sociology AB, Sweden

Group Photo @ Hampton Suite

Networking and Refreshment Break 11:10-11:25 @ Albany Foyer

Sessions: Biomass Conversion Methods | Biomass Applications | Environmental Impact of Biomass | Biomass Market Analysis

Session Chair: Tatjana Stevanovic, Laval University, Canada

Session Introduction

- 11:25-11:55 Title: **High purity lignin from new organosolv biorefinery**
Tatjana Stevanovic, Laval University, Canada
- 11:55-12:25 Title: **Cellulose-based films for electronics: Enzymatic triggered degradation for metal recovery**
Álvaro Cruz-Izquierdo, University of Bath, United Kingdom
- 12:25-12:55 Title: **Spatial planning pattern of biomass energy developing network in Heilongjiang province's village-town system**
Yifei Zhang, Harbin Institute of Technology, China
- 12:55-13:25 Title: **Forests carbon input and changes in soil properties of the tropical rain forest Malaysia**
Mande Kate Hosea, Kaduna State University, Nigeria

Lunch Break 13:25-14:25 @ Albany Foyer

- 14:25-14:45 Title: **Bio-fertilizers from biomasses and wastes: High added value products for agriculture**
Saida Tayibi, Mohammed VI Polytechnic University, Morocco

Sessions: Advanced Biofuels | Production of Biofuels

Session Chair: Markku Saloheimo, VTT Technical Research Centre of Finland Ltd., Finland

Session Introduction

- 14:45-15:15 Title: **Development of the filamentous fungus *Trichoderma reesei* as an enzyme production cell factory for bio-refineries**
Markku Saloheimo, VTT Technical Research Centre of Finland Ltd., Finland
- 15:15-15:45 Title: **Heating biogas digester with solar energy: Research status and prospects**
Huang Juanjuan, Lanzhou University of Technology, China
- 15:45-16:05 Title: **Biofertilizers based on biomass: Efficiency and impact on the chemical and biological soil quality**
Saloua Fertahi, Mohammed VI Polytechnic University, Morocco

Networking and Refreshment Break 16:05-16:20 @ Albany Foyer

- 16:20-16:50 Title: **Catalytic upgrading of HTL bio-oil using bio-Pd/C catalyst**
Joseph Wood, University of Birmingham, UK
- 16:50-17:10 Title: **Characterization and gasification of biomass macaúba (*Acrocomia aculeata*)**
Laura Vieira Maia de Sousa, University of Brasília, Brazil
- 17:10-17:30 Title: **Potential of biomass gasifiers in India**
Darshit S Upadhyay, Nirma University, India

Panel Discussion

Day 2 August 09, 2016

Hampton Suite

Keynote Forum

10:00-10:35 **Title: The combination of hydrothermal carbonization and gasification for decentralized base load electrification**
Elmar Steurer, Neu-Ulm University of Applied Sciences, Germany

Session: Biomass Energy Resources | Bioenergy Conversion Methods | Renewable Energy | Waste Biomass

Session Chair: Fabiano Ximenes, NSW Dept of Primary Industries, Australia

Session Introduction

10:35-11:05 **Title: Linking forest biomass production with biomass users: A perspective from Australia**
Fabiano Ximenes, NSW Dept of Primary Industries, Australia

Networking and Refreshment Break 11:05-11:20 @ Albany Foyer

11:20-11:50 **Title: The feasibility to meeting the energy demands of single building with solar energy and biomass**
Li Jinping, Lanzhou University of Technology, China

11:50-12:20 **Title: Towards a green future: Bacterial biomass used for feed**
Subir Kumar Nandy, UNIBIO A/S, Denmark

12:20-12:50 **Title: Insect-based biorefinery for converting waste biomass into energy and protein**
Longyu Zheng, Huazhong Agricultural University, China

12:50-13:10 **Title: Valorization and treatment of wastewater sludge by biological and thermochemical processes: Production of bio-energy and bio-fertilizers**
Doha E L Alami, Mohammed VI Polytechnic University, Morocco

Lunch Break 13:10-14:10 @ Albany Foyer

14:10-14:30 **Title: Feasibility and performances of thermostatic biogas digester heated by solar thermal collector in Northwest of China**

Xiaofei Zhen, Lanzhou University of Technology, China

14:30-14:50 **Title: Economic comparison of two auxiliary heating methods for a cogeneration system of heat and power with biogas in Northwest China**

Ganglin Cao, Lanzhou University of Technology, China

Workshop

14:50-15:50 **Title: Quality assessment of biomass fast pyrolysis liquids**
AV Bridgwater, Aston University, UK

Networking and Refreshment Break 15:50-16:05 @ Albany Foyer

Video Presentation

16:05-16:25 **Title: Biomass cogeneration with green coconut husk: An analysis of efficiency energy solutions**
Hermes Jose Loschi, State University of Campinas, Brazil

16:25-16:45 **Title: Physicochemical and environmental characterization of pistachio shells**
Nancy Quaranta, National Technological University, Argentina

Poster Presentations 16:45-17:05

EBMS-01 **Title: Solid phase extraction of Phorbol Esters (PEs) from pinion cake (*Jatropha curcas L.*) based on computationally-designed polymers in combination with deep eutectic solvents**
Maria. A. Sandoval-Riofrio, University of Leicester, UK

EBMS-02 **Title: Study comparing a hybrid system based on renewable energy and Diesel Generator (DG) for the production of energy**
Fazia Baghdadi, University of Mouloud Mammeri, Algeria

Panel Discussion

Awards & Closing ceremony

Bookmark your dates

3rd Euro-Global Summit and Expo on

Biomass

October 12-13, 2017 London, UK

e-mail: eurobiomass@omicsgroup.com; eurobiomass@conferenceseries.net; eurobiomass@conferenceseries.com

Website: biomass.global-summit.com/europe