EuroSciCon

9th Edition of International Conference on

BIOFUELS AND BIOENERGY



March 29-30, 2018
Edinburgh, Scotland

EuroSciCon

Agenda Day 1: March 29, 2018

GLENFIDDCH

09:00-09:30 **Registration**

09:30-10:00 Opening Ceremony

Keynote Forum

10:00-10:05 **Introduction**

10:05-10:35 **Title: Processing biomass using butanol: Circular economy arguments**

Nicholas James Westwood, University of St Andrews and EaStCHEM, UK

Coffee break 10:35-10:55 @ Academy Lounge

10:55-11:25 **Title: Land and aquatic biomass derived monomer**

Michele Aresta, ICCDU, Italy

11:25-11:55 **Title: Biomass quality network Canada's perspective on emerging bioenergy landscape in Canada**

Ataullah Khan, Innotech Alberta, Canada

Sessions : Biomass | Biogas | Energy and Environment

Session Chair: Nathanial Cooper, Imperial College London, UK

Session Introduction

11:55- 12: 20 **Title: Data Aggregation Tool for use in MILP Biomass Supply Chain Optimization**

Nathanial Cooper, Imperial College London, UK

12:20- 12:45 **Title: High purity cellulosic sugars via amorphous carbohydrates and sulfur free lignin from lignocellulose**

Streffer K , LXP Group GmbH, Germany

Group Photo

Lunch Break 12:45-13:30 @ Traders restaurent

13:30-13:55 **Title: Optimal biofuel futures: The role of functional units and fuel suitability**

Markus Millinger, Helmholtz Centre for Environmental Research (UFZ), Leipzig, Germany

13:55-14:20 **Title: Biotransformation of organic waste into biogas and biofertilizer a sustainable way of solid waste management**

Amit Kumar Jain,BijSon Innovation Pvt. Ltd., India

14:20-14:45 **Title: Blockchain biofuel application**

Jan Clement, EnergyCoin Foundation, Netherlands

14:45-15:10 **Title: Pretreatment of pine needle waste biomass through enzymatic cocktail for bioethanol production**

Ravi Kant Bhatia, Himachal Pradesh University Summer Hill Shimla, India

Sessions : Biodiesel | Bioenergy

Session Chair: Govinda Timilsina, The World Bank, USA

Session Co Chair: Ataullah Khan, Innotech Alberta, Canada

15:10-15:35 **Title: Supports to immobilize lipase and use it in oil production**

Benjamin Summers, Purolite, UK

15:35-16:00 **Title: Analytical challenge for the characterization of oxymethylene ether (ome) as a fuel for diesel engines**

Hendrik Stein, ASG, Germany

Coffee break 16:00-16:20 @ Academy Lounge

16:20-16:40 **YRF: A new biological process for CO_2 valorization**

Azariel Ruiz Valencia,Institut Européen des Membranes, France

16:40-17:00 **YRF: Reactive coupling of glycerol transformation to solketal into biodiesel production process using organic acid catalyst**

Luma Sh. Al-Saadi, Newcastle University, UK

17:00-17:25 **Title: Comparative analysis of different enzyme immobilization techniques for efficient production of biodiesel**

Naser Aliye Feto,Vaal University of Technology, South Africa.

Agenda Day 2: March 30, 2018

GLENFIDDCH

Keynote Forum

10:00-10:05 **Introduction**

10:05-10:35 **Title: Recent advances in enzymatic biofuel cells**

Sergie Cosnier, Université Grenoble-Alpes, France

Coffee Break 10:35-10:55 @ Academy Lounge

10:55-11:25 **Title: Biofuels: Markets, policies and future development prospects**

Govinda Timilsina, The World Bank, USA

Sessions: Renewable Energy | Bioenergy | Energy and Environment | Algal Biofuels

Session Chair: Nathanial Cooper, Imperial College London, UK

11:25-11:50 **Title: Cultivation of marine cyanobacteria and diatoms on refinery waste water**

Biserka Lukarić Špalj, INA Oil Refinery PLC, Croatia

11:50-12:10 **YRF: An algorithm for development of transition probabilities metrices to predicting ramp events,based on MarkovModel**

Hermes Loschi, UNICAMP - Campinas-SP, Brazil

12:10-12:30 **YRF: The using of sustainable high voltage equipment insulation materials in brazilian scenario**

Douglas Aguiar do Nascimento,UNICAMP - Campinas-SP, Brazil

12:30-12:50 **YRF: Maintenance engineering methodology in photovoltaic generation plants**

Carlos Bertolassi,UNICAMP - Campinas-SP, Brazil

12:50-13:10 **YRF: Waste cooking oil transesterification with Lithium and Tin oxides supported on Mayenite**

Jerry Solis, KTH, Sweden

Lunch Break 13:10-13:50 @ Traders restaurent

Sessions: Biomas | Biogas | Biodiesel | Renewable Energy

Session Chair: Govinda Timilsina, The World Bank, USA

13:50- 14:15 **Title: SRCA: A mild catalyst-free biodiesel process**

Jianli Zeng,SINOPEC, Beijing, China

14:15- 14: 40 **Title: Use of charcoal & variables delaying fermentation in wet beans slurry**

ADEWOLE O.O, Atlanctic International University, USA

14:40-15:00 **YRF: How does biodiesel compare to other renewable diesel fuels?**

Michael D. Eggleston, University of Rhode Island, USA

15:00- 15:20 **YRF: Ethanolic fermentation by *Kluyveromyces marxianus* with imidazolium ionic liquids**

Ranim ALAYOUBI,University of Picardie Jules Verne, France

15:20-15:40 **YRF: How can ghana transform its economy through biofuel and bioenergy**

Muntaka Musah, University of Professional Studies, Accra- Ghana

Video Presentation

15:40-16:00 **Title: Study of energy efficiency in experimental sewage effluent reprocessing plant**

Silvio Renato Messias de Carvalho,State University of Campinas (UNICAMP), SP-Brazil

Coffee Break 16:00-16:30 @ Academy Lounge

Poster Session 16:30 onwards **@ Academy Lounge**

10th Edition of International Conference on

BIOFUELS AND BIOENERGY

March 04-05, 2019
Barcelona, Spain

EuroSciCon