

World Biodiesel Congress & Expo

December 5-7, 2016 San Antonio, Texas, USA



Hosting Organizations:

Conference Series LLC

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08:30-09:30 Registrations

Texas B

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

Opening Ceremony

Keynote Forum

09:55-10:00 Introduction

10:00-10:40 **Title: A computer simulation model to optimize and assess sustainability of biofuel production**
James Kiniry, U.S. Department of Agriculture(USDA-ARS), USA

Networking & Refreshments 10:40 -11:00 @ Foyer

11:00-11:40 **Title: Green diesel from black liquor in 3 steps****Joseph S. M. Samec**, Stockholm University, Sweden

11:40-12:20 **Title: Resin-based strategies for producing biodiesel from algae**
Martin Poenie, The University of Texas at Austin, USA

Panel Discussion 12:20 -12:30

Sessions

Biodiesel as alternative fuel | Biorefineries | Biodiesel advantages and disadvantages

Session Chair: **James Kiniry**, U.S. Department of Agriculture(USDA-ARS), USA

12:30-13:00 **Title: Biodiesel versus diesel: A comparative analysis of the effect of engine cycling on efficiency**
Peter H Bauer, University of Notre Dame, USA

13:00-13:30 **Title: Numerical investigation on combustion process and emissions characteristics of biodiesels with different saturation level in diesel engines**
Yang Wenming, National University of Singapore, Singapore

Lunch Break 13:30-14:30 @ Texas A

14:30-15:00 **Title: Numerical study of soot formation using phenomenological soot modelling approach in a biodiesel-fueled compression ignition engine**
Feiyang Zhao, National University of Singapore, Singapore

15:00-15:30 **Title: Etherification of bio-glycerol to oxygenated fuel additive over sulfonated mesoporous polymer catalyst**
Sanjeev P Maradur, Poornaprajna Institute of Scientific Research, India

15:30-16:00 **Title: Marine waste biorefinery**
Ahmed S. Al Hatrooshi, Newcastle University, UK

16:00-16:30 **Title: Biodiesel application and biodiesel standardization in China**
Jianmin Lin, Research Institute of Petroleum Processing, China

Panel Discussion 16:30-16:40

Networking & Refreshment Break 16:40-17:00 @ Foyer

Texas B

Keynote Forum

10:00-10:40 **Title: Hydrotreated vegetable oils – The better biodiesel alternative?**
Martin Mittelbach, University of Graz, Austria

Networking & Refreshment Break 10:40-11:00 @ Foyer

Oral Session

Biodiesel Production

Session Chair: **Martin Mittelbach**, University of Graz, Austria

- 11:00-11:30** Title: **Controlled functionalization of amorphous carbon using multiple vapour phase sulfonation for production of biodiesel**
Jidon Adrian Janaun, Universiti Malaysia Sabah , Malaysia
- 11:30-12:00** Title: **Sustainable conditions of biodiesel production. An approach of system dynamics - Colombian case**
Sandra Bautista, Universidad Nacional de Colombia, Colombia
- 12:00-12:30** Title: **A new type of high efficiency, low temperature type lipase used for biodiesel production and new biodiesel production process**
Zunxi Huang, Yunnan Normal University, China
- 12:30-13:00** Title: **New method for waste oil biodiesel preparation: Enzymatic hydrolysis followed by chemical catalysis esterification**
Zhiyuan Wang, Chinese Academy of Sciences, China

Panel Discussion 13:00-13:10

Lunch Break 13:10-14:10 @ Texas A

Session Chair: Jidon Adrian Janaun, Universiti Malaysia Sabah , Malaysia

- 14:10-14:40** Title: **Development of supercritical transesterification for sustainable conversion of oils to biodiesel**
Shriyash Deshpande, University of South Florida, USA
- 14:40-15:10** Title: **Novel perovskite type hydroxides and their oxide derivatives as solid acid-base catalysts for biodiesel synthesis and byproduct glycerol transformations**
Ganapati Shanbhag, Poornaprajna Institute of Scientific Research, India
- 15:10-15:40** Title: **Effects of seeds pre-treatment on biodiesel yield from four varieties of castor seeds**
Fasiu A. Oluwole, University of Maiduguri, Nigeria
- 15:40-16:10** Title: **Biodiesel productivity of *Scenedesmus obliquus* under nitrogen starvation in mixotrophic cultivation exceeds the combination of autotrophic and heterotrophic cultivations**
Xiao-Fei Shen, University of Science and Technology of China, China

Video Presentation

- 16:10-16:40** Title: **Farmers' indigenous knowledge in managing and using *Jatropha curcas* in Bati district, Oromiya zone, Amhara region, Northeastren Ethiopia**
Zufan Nezir, Millennium Development Consultancy Group, Ethiopia

Networking & Refreshment Break 16:40-17:00 @ Foyer

Poster Session 17:00-17:30 @ Foyer

- BD-01** Title: **The catalysis oil drop acid process study of macroporous cation exchange resin of solid acid**
Zhibing Li, Chinese Academy of Sciences, China
- BD-02** Title: **Valorization of cellulosic bamboo biomass to reducing sugar via alkaline solution and ionic liquid pretreatment**
Samuel Kassaye, Indian Institute of Technology Delhi, India

Best Poster Award Presentation 17:30-17:40

Panel Discussion 17:40-17:50

Day 3 December 07, 2016

Texas B

Networking & B2B Meeting 10:00-10:45

Networking & Refreshment Break 10:45-11:00 @ Foyer

Networking & B2B Meeting 11:00-12:30

Lunch Break 12:30-13:15 @ Texas A

Closing Ceremony

Bookmark your dates

2nd World Biodiesel Congress & Expo

December 4-5, 2017 Atlanta, USA

Website: biodiesel.conferenceseries.com

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