



International Conference & Expo on

Biofuels and Bioenergy

April 11-12, 2024 | Rome, Italy

Our Exhibitors



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USA

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Conference Programme

Day 1: April 11, 2024

Meeting Hall: Parioli 2

8:00-8:45

Registrations

8:45-9.00

Introduction

Keynote Presentations

9:00 - 9.40

Benoit Villiers, Global Bioenergies, France

Title: IBN-SPK, A New Technology to Produce Sustainable Aviation Fuel

9.40 - 10.20

Erica Bhasin, Worley Consulting, United Kingdom

Title: The Bio-Economy Supply Chain

Exhibitor Presentations

10.20 - 10.40

Jasper Nillesen, Refuels N.V, United Kingdom

Refuels N.V Introduction

10.40 - 11.00

Kristjan Relvik, Gaznet, Estonia

Gaznet Introduction

Networking & Refreshments @ Bar: 11.00 - 11.30

Oral Presentations

Session Chair:

Metin Duran, Villanova University, USA

Session Chair:

Kozma Naka, Alabama A&M University, USA

Sessions: Biofuel | Bioenergy Governance and Climate change | Biohydrogen | Biodiesel | Biomass | Green Energy | Energy Storage and Conversion | Waste to Energy | Renewable Energy | Biogas | Sustainable Energy | Biorefineries | Green Chemistry | Bioenergy

11.30 - 12.00

Jayant Khambekar, Jenike & Johanson, USA

Title: Jen-Zero Technology for Reliably Feeding High Pressure Reactors

12.00 - 12.30

Viktoriia Betina, Ernst & Young GmbH, Germany

Title: Establishing Transition Strategies for Countries that are Depending on Gas & Oil Sector with a Focus on Biofuels, Biobased SAF

12.30 - 13.00

Michael Koettner, IBBK Fachgruppe Biogas GmbH, Germany

Title: Production of Solid Carbon and Hydrogen from Biomethane using Non-thermal Plasma

Group Photo: 13:00 - 13.15

Lunch @ Seguimi 13.15 - 14.00

14.00 - 14.30

Metin Duran, Villanova University, USA

Title: Hyperthermophilic Biohydrogen Production from untreated Animal Manure

14.30 - 15.00

Zainab Afailal, University of Zaragoza, Spain

Title: Bio-Based Antioxidant Additives for Biodiesel

15.00 - 15.30

Armin Brandner, Air Liquide Global E&C Solutions GmbH, Germany

Title: Enlarging HVO Feedstock Basis to Create Value from Low Carbon Waste Streams

15.30 - 16.00

Agnieszka Drobniak, University of Silesia, Poland

Title: Enhancing Quality of Solid Biomass Fuels: "PL-US BIO" - Poland's Innovative Biofuel Certification Program

Networking & Refreshments @ Bar 16.00 - 16.30

16.30 - 17.00

Vera Marcantonio, University Campus Bio-Medico of Rome, Italy

Title: Modelling and Assessment of a HTC System Coupled with Biomass Gasification for Syngas Production

17.00 - 17.30

Anita Demuth, PtX Lab Lausitz, Germany

Title: Learning from Bioenergy: Sustainability Dimensions of Hydrogen-Based Fuels

Day 1 Concludes followed by Award Ceremony

Day 2: April 12, 2024

Meeting Hall: Parioli 2

Keynote Presentations

10:00-10:40

Christian Beidl, Darmstadt University of Technology, Germany

Title: "It's Time to Rethink – The Role of Renewable Fuels for the Future of Mobility and Mobile Machinery"

10:40-11:20

Ishita Sharma, Port Esbjerg, Denmark

Title: Techno-Economic Analysis of Green Fuels-Based Fuel Cells in Maritime Sector

Networking & Refreshments @ Bar 11:20-11:45

11:45-12:25

Caroline Braun, Landwärme GmbH, Germany

Title: Biomethane Next Level: Producing Climate Positive Fuel with Carbon Capture

Oral Presentations

Session Chair:

Metin Duran, Villanova University, USA

Session Chair:

Kozma Naka, Alabama A&M University, USA

Sessions: Waste to Energy | Renewable Energy | Biogas | Sustainable Energy | Bioenergy Biofuel | Bioenergy Governance and Climate change | Biohydrogen | Biodiesel | Biomass | Green Energy | Energy Storage and Conversion | Biorefineries | Green Chemistry

12:25-12:55

Kozma Naka, Alabama A&M University, USA

Title: Forestry and Bioenergy: Transitioning to an Ecologically and Economically Diverse System for Biofuel Production

12:55-13:25

Joao Fernando Pereira Gomes, Instituto Politecnico de Lisboa, Portugal

Title: Green Hydrogen and Synthetic Fuel Production with DC Microgrid Integration

Lunch @ Seguimi 13:25-14:30

14.30 - 15.00

Edward Antwi, Hochschule Stralsund, Germany

Title: Technoeconomic Analysis of Decentralized Biomethanol Production from Biogenic CO₂ and Green Hydrogen

15.00 - 15.30

Andrzej Kopczynski, Gdansk University of Technology, Poland

Title: Application of Artificial Intelligence to Support Expert Knowledge in the AD Process for Food Waste Combined with Biodegradable Polymeric Materials

15.30 - 16.00

Evanthia A. Nanaki, Helleniq Energy, Greece

Title: The Role of Industries in the Uptake of Sustainable Aviation Fuels

Networking & Refreshments @ Bar 16.00 - 16.30

Poster Presentations

Poster Judge

Metin Duran, Villanova University, USA

PP - 01

Michael Koettner, IBBK Fachgruppe Biogas GmbH, Germany

Title: Production of Solid Carbon and Hydrogen from Biomethane using Non-thermal Plasma

PP - 02

Noemi Gil-Lalaguna, University of Zaragoza, Spain

Title: Bio-Oil Separation into Homogeneous Families of Phenolic Compounds according to their Molecular Size

PP - 03

Zainab Afailal, University of Zaragoza, Spain

Title: Phenolic Compounds Production via the Reductive Catalytic Fractionation

PP - 04

Enrique Barrera, Universidad Autónoma Metropolitana, Mexico

Title: Carbon Dioxide Sink from Several Mexican Plants

PP - 05

Aleksandra Grabowiec, Gdansk University of Technology, Poland

Title: Research on Anaerobic Degradation of Biodegradable Polymers

PP - 06

Ebtihal Mohamed, The Australian National University, Australia

Title: Developing *Brassica Carinata* as a Biofuel Crop

PP - 07

Mateusz Kotowski, Gdansk University of Technology, Poland

Title: Degradation of Polylactic Acid and Polypropylene in Pilot-Scale Twin AD Bioreactors

Day 2 Concludes followed by Award Ceremony and Vote of Thanks

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Note:

Bookmark The Dates

2nd International Conference & Expo on
Biofuels and Bioenergy

November 14-15, 2024
London, UK



Contact us:
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