



Conference Mind

SCIENTIFIC PROGRAM 2022



2ND INTERNATIONAL WEBINAR ON **BIOFUEL AND BIOMASS**

**THEME: Explore the Recent innovations and Accelerating
Advancement in Biofuel & Biomass**

January 24-25, 2022

<https://conferencemind.com/conference/biofuelandbiomass>

DAY 1

KEYNOTE SESSION- I



TITLE: Challenges in how to convert biomass to usable biofuel and how to overcome them

VICTOR EVELEENS

11:30 am - 12:30 pm

Business Head, CPM Biomass, India



TITLE: Biomass to Biofuel: India's journey towards Sustainable and Economic Welfare

FAIZUR REHMAN

12:30 pm - 13:00 pm

Country Director, Chempolis, India and Head, Bio2X, Fortum, India

ORAL SESSION - I



TITLE: Algae Biofuels as future fuel.

MUBARAK M

13:00 PM - 13:30 PM

Associate Professor, MEA Engineering College Perinthalmanna,
India



TITLE: Digested Bio-slurry Ultimate Choice of
Biofertilizer

ATUL MITTAL

13:30 PM - 14:00 PM

Director, Sistema.bio, India



TITLE: A 3D printed low volume hybrid enzyme fuel cell
for low power applications

ARJUN AJITH MOHAN

14:00 PM - 14:30 PM

PhD, National Institute of Technology Calicut, India



TITLE: A review on strategies for increasing biogas production in the sludge digesters

MORTEZA JAFARSALEHI

14:30 PM - 15:00 PM

Researcher, Kashan University of Medical Sciences and Health Services, Iran

REFRESHMENT BREAK (15:00PM - 15:30PM)



TITLE: Synthesis of Zinc Oxide nanoparticles using *Fusarium oxysporum* to enhance bioethanol production from rice straw

TEJPAL SINGH CHUNDAWAT

15:30 PM- 16:00 PM

Professor, The Northcap University, India



TITLE: Energy crop storage: An alternative for long term energy storage

JULIAN HUNT

16:00 PM-16:30 PM

Postdoc Researcher, IIASA, Austria



RISHIKESH DESHPANDE

Director, Sustainable Biobrikets Pvt Ltd, India

TITLE: Sugarcane Waste Briquetting – A way towards sustainable fuel



PRASANNA CHAUDHARI

MD, Sustainable Biobrikets Pvt. Ltd., India

16:30 PM-17:00 PM



TITLE: Solid Acid Catalyst Supported Synthesis and Fuel Properties of Ethyl Decanoate

RUCHI LAMBA

Gautam Buddha University, India

17:00 PM-17:30 PM

KEYNOTE SESSION - II



TITLE: Biodiesel as future transport fuel and its impact on environment

PRADIP LINGFA

North Eastern Regional Institute Of Science And Technology, India

17:30 PM-18:00PM



TITLE: The Future of Bio-Energy – experiences, challenges, and a way forward

ROHIT DEV

18:00 PM- 18:30 PM

Chief Officer, Punjab Renewable Energy Systems Pvt Ltd, India



TITLE: Comparative study of two biogas production units by anaerobic digestion located, one in Ouagadougou (Burkina Faso), and the other in the peri-urban area of Casablanca (Morocco)

MOHAMED TAHIRI

18:30 PM- 19:00 PM

Professor, Hassan II University of Casablanca, Morocco



TITLE: The future of Biofuel & Biomass in the Arab World the prospects and challenges

MOHAMMED AL TAANI

19:00 PM-19:30 PM

Secretary General, Arab Renewable Energy Commission Jordan

DAY 2

ORAL SESSION - I



TITLE: An overview of Microalgae cultivation for biofuel production : Achieving sustainable development goals for circular bioeconomy

V.P. JOSHI

Professor, Junagadh Agricultural University, India

13:00 PM - 13:30 PM



TITLE: Decentralized forest biomass gasification supply chain for Indian Himalayan Region: Basic Framework

ANKUSH HALBA

Ph.D. Scholar, IIT Roorke, India

13:30 PM - 14:00 PM



TITLE: An approach to improve performance and reduce harmful emissions of a diesel engine operated with water emulsified biodiesel

SONU KUMAR PATIDAR

Ph.D. scholar IIT Kharagpur, India

14:00 PM - 14:30 PM



TITLE: Potential of the alternative fuels and the ignition concept in a combustion system with active prechamber

VINAY BANSAL

PhD Scholar, IIT Kharagpur, India

14:30 PM - 15:00 PM



TITLE: In biomass conversion technologies

SUNU SUBRAMANIAN

PhD scholar, Institute of Chemical Technology, India

15:00 PM - 15:30 PM

KEYNOTE SESSION - I



TITLE: Low temperature evaporator with MVR in the production of Bioethanol: A game changer

SUKHRAJ SONI

Business Head, Spray Engineering Devices Limited, India

15:30 PM- 16:00 PM



TITLE: Stereolithographic Additive Manufacturing of Ceramic Components for Energy Generations

SOSHU KIRIHARA

Professor, Osaka University, Japan

16:00 PM-16:30 PM

ORAL SESSION - II



TITLE: Unravelling lignocellulose degrading microbial consortia in black soil regions of forests

SHWETA

Ph.D. Scholar, Central University of Jharkhand, India

16:30 PM-17:00 PM



TITLE : A next-generation biorefinery approach: Adding value to post extracted microalgal biomass

MATTIA PARATI

Professor, University of Wolverhampton, UK

17:00 PM-17:30 PM



TITLE: In-silico approach to enhance the production of alcoholic biofuels in solventogenic Clostridia: Recent progress in reconstruction of genome-scale metabolic models

KARAN KUMAR

17:30 PM-18:00PM

Prime Minister's Research Fellow, Indian Institute of Technology Guwahati, India



TITLE: Simulation of different biorefinery configuration including environmental, technical and economic assay using sugarcane bagasse

JESÚS DAVID CORAL MEDINA

18:00 PM- 18:30 PM

Post Doc.Scholar, Cooperativa University, Columbia



TITLE: Role of Nannochloropsis in Biofuel production

AMBIKA H D

18:30 PM- 19:00 PM

Entrepreneur, Baden-Württemberg, Germany

KEYNOTE SESSION - II



TITLE: Updated Soon

NOUR SH. EL-GENDY

19:00 PM-19:30 PM

Professor, Egyptian Petroleum Research Institute, Egypt



TITLE: The biogas cleaning. Water vapor removal from biogas and its equipment

JOAQUÍN REINA HERDZ

19:30 PM-20:00PM

CEO & Founder, Biogas & Gases Technologies, Spain



TITLE: Smart Precision Agriculture will change future of biofuel

RAJESH KUMAR

20:00 PM - 20:30 PM

President, Agbiotec Group, Spain



TITLE: The emergings: provoking thoughts on energy cooperation

*MARIA CÂNDIDA ARRAIS DE
MIRANDA MOUSINHO*

20:30 PM - 21:00 PM

Researcher, Institute of Education, Science & Technology, Brazil

**SPEAKER & DELEGATE SLOTS ARE
AVAILABLE**