Scientific Program

Online International Conference on

Hydrogen & Fuel Cell Technology

Monday
April 18, 2022

Day 1 - April 18, 2022	
11:00 - 11:15	Introduction
Oral Presentations	
11:15 - 11:40	Enhancement of Biogas Production from Pig Manure by Co - Digestion **Laurensia Irmayani,** Division of Water Technology Research, Taiwan
11:40 - 12:05	Sustainibility Authenticion of Biofuel Feedstocks **Unnikrishnan Unnithan,** DIBIZ Pte Ltd, Malaysia
12:05 - 12:30	A Latest 5 - kW Ultralight Air - cooled PEMFC Developed at TP - CQFC **Ming Han,** Temasek Polytechnic, Singapore
12:30 - 12:55	Biomethanation of Dried Pine Needles **Atul Grover,** DRDO, India
12:55 - 13:20	Improving the Reliability Design of Mechanical Systems such as Refrigerator **Seongwoo Woo,** Ethiopian Technical University, Ethiopia
Lunch (13:20 - 13:50)	
13:50 - 14:15	H2 Production from The Photocatalysis of Ni based Catalyst **Delia Teresa Sponza,** Dokuz Eylül University, Turkey
14:15 - 14:40	Second Generation Bioethanol Production from Pineapple Waste Cell Wall Sugar **Alessia Tropea,** University of Messina, Italy
14:40 - 15:05	A Three - dimensional Simulation Model for a PEMFC with Pt/C and Pt - Ru/C Catalyst Layers **Stefanos Tzelepis,** University of West Attica, Greece
15:05 - 15:30	Green Shoots of Change for Revalorizing Food Waste in The Hospitality Industry in Mega - cities **Kristy Peña Muñoz,** KFG EnviroSMART Solutions, Mexico
Poster Presentations	
15:30 - 15:45	Water - Swollen Composite Polyamide Membrane for Separation of CO_2 and H2S from Raw Biogas **Petra Wojnarová,** VSB-Technical University of Ostrava, Czech Republic
15:45 - 16:00	Co - solvent Transesterification of Used Cooking Oil **Pawel Grabowski,** Warsaw University of Technology, Poland
16:00 - 16:15	Adaptation on Xylose Improves Glucose Xylose CO Utilization and Ethanol Production in A Carbon Catabolite Repression (CCR) Compromised Ethanologenic Strain SSK42 **Chandra Dev,** International Centre for Genetic Engineering and Biotechnology, India
16:15 - 16:30	Effect of Thermal Pretreatment on The Semicontinuous Anaerobic Digestion of Coffee Pulp with Increasing Loading Rates **Nava - Valente Noemi,** Instituto Tecnológico Superior de Huatusco, Mexico
End of Day 1	

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Tuesday
April 19, 2022

Day 2 - April 19, 2022

Oral Presentations

10:00 - 10:25	Dimension of Biofuel Decarbonization in Albania **Atty. Lorenc Gordani,** Tirana Business University (TBU), Albania
10:25 - 10:50	Photo catalytic H2 Production from CdS catalyst **Delia Teresa Sponza,** Dokuz Eylül University, Turkey
10:50 - 11:15	Green Hydrogen Economy as Clean Energy Source: System Limitation and Commercialization **Nour F. Attia,** National Institute for Standards, Egypt
11:15 - 11:40	Sustaianable Biofuel from Corn Cobs Wastes **Amos Obi,** Mini Global Hetaved Skills Network Limited, Nigeria
11:40 -12:05	Strategic Environmental Assessment (Sea) Process for Sustainable Biofuels and Bioenergy for Environmental Climate Change Control, Ecology and Conservation Towards Sustainable Development **Vijayan Gurumurthy Iyer,** Arunai Engineering College, India
12:05 - 12:30	Reversible Hydrogen Storage in Metal Decorated Advanced 2D Carbon Nanomaterials **Vikram Mahamiya,** Indian Institute of Technology Bombay, India
12:30 - 12:55	Biogas and Bio - fertilizer Production Potential of Abattoir Waste: Implication in Sustainable Waste Management in Shashemene City, Ethiopia **Tamiru Kefalew,** Madda Walabu University, Ethiopia
12:55 - 13:20	Phylogeographic Diversity of The Genotypes of The Wild Olive Tree (*Olea Europaea* Subsp. Europaea Var. Sylvestris) In Northern Algeria **Wahiba Falek,** University of the Mentouri Brothers - Constantine 1, Algeria
13:20 - 13:45	Microalgae's Ability To Reduce Co_2 Emissions While Also Producing Sustainable Energy Biofuels **Javier Christian Ramirez Perez,** University of Sao Paulo, Brazil

End of Day 2