

3rd Online International Conference on Renewable Energy and Sustainable Technologies

Day 1 - March 21, 2022 (11:00-17:45 GMT)

11:00 - 11:15 Introduction

Oral Presentation

11:15 - 11:40 Environmental migration effects of air pollution: Micro-level evidence from
Qingbin Guo, Hainan University, China

11:40 - 12:05 Flexible Gel-based Wearable Strain Sensor
Qiaoyi Wu, The First Affiliated Hospital of Fujian Medical University, China

12:05 - 12:30 Restoring peatland and growing renewable energy: Opportunities, challenges and the way forward in Indonesia
Siti maimunah, Instiper yogyakarta, Indonesia

12:30 - 12:55 Feasibility of tetracycline degradation by means of ultrafine-bubbles ozonation-Effect of anions
Chikang Wang, Yuanpei University of Medical Technology, Taiwan

Keynote Presentation

12:55 - 13:25 Annalise on the possible deployment in the practice of the PVPP without the support of the PPA in Albania
Atty. Lorenc Gordani, Tirana Business University (TBU), Albania

Lunch (13:25 - 14:00)

14:00 - 14:25 Hydrothermal carbonization of grape pomace-form waste to potential biofuely
J. Petrović, Institute for Technology of Nuclear and Other Mineral Raw Materials, Serbia

Oral Presentation

14:25 - 14:50 Implementation of a database on solar resources for the design of pv solar technologies
Shermantaeva Zhazira Utegenova, Al-Farabi Kazakh National University, Kazakhstan

14:50 - 15:15 Bubbling fluidized bed gasification of wood chips biomass
L. Zaccariello, University of Campania "Luigi Vanvitelli", Italy

15:15 - 15:40 Compostable plastics in marine environment: Temporal dynamic of bacterial biofilm structure and polymer degradation
Delacuvellerie Alice, University of Mons, Belgium

15:40 - 16:05 Effects of two models instructional strategies on students' attitude to climate change concepts in social studies for sustainable development
Olawale Oyemade Oyekanmi, University of Ibadan, Nigeria

16:05 - 16:30 MEAMOMU same polarity coupler in a vacuum tube model
Gregory Spaulding, Magnetic Voltage Source, USA

16:30 - 16:55 Wind energy conversion systems (WECS) generators: A review
Jamshed, Sukkur Iba University, Pakistan

16:55 - 17:20 Estimation of carbon sequestration in *Acacia mangium* wild plantations at the Pinar del Río Agroforestry Company
Luis Miguel Triana Garcia, University of Pinar del Río, Cuba

17:20 - 17:45 Properties of gin roller covering materials for cotton double roller gins – investigation of biopolymers in biofibres and microbial cellulose towards sustainable textile engineering
Vijayan Gurusurthy Iyer, Arunai Engineering College, India

Day 1 Concludes

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Day 2, March 22, 2022 (11:00-16:20 GMT)

Keynote Presentation

11:30 - 12:00 Gasification and syngas cleaning system for the catalytic reactions to produce chemicals
Cemil Koyunoğlu, Tolay Energy Consulting, Turkey

12:00 - 12:30 Estimation of resources costs vs. conventional sources costs
Abdullah M. Al-Shaalan, King Saud University, Saudi Arabia

Oral Presentation

12:30 - 12:55 Experimental study of the degradation of biodegradable polymers under different culture conditions
Kouider Elouahed Asmaa, Hassiba Benbouali University of Chlef, Algeria

12:55 - 13:20 Community support services as correlate senior secondary school students' attitude to waste management in Ona-Ara local government, Oyo State, Nigeria
Oluwaseun Oyewole, Tai Solarin College of Education, Nigeria

Lunch (13:20 - 13:50)

13:50 - 14:15 Internet of Things (IoT) & artificial intelligence for sustainable development
Vinay Kumar Nassa, Sharad Institute of Technology College of Engineering Ichalkaranji, India

14:15 - 14:40 Challenges for the expansion of energy resources distributed in Brazil in the coming years.
Vanderlei Martins, Universidade Federal Fluminense, Brazil

14:40 - 15:05 Synthesis and characterization of conducting polymers and their biomedical applications
Rizwan Arif, Lingaya's Vidyapeeth, India

14:40 - 15:05 Optimum number of aggregators based on power consumption, cost, and network lifetime in advanced metering infrastructure architecture for smart grid internet of things
Alireza Ghasempour, University of Applied Science and Technology, Iran

14:00 - 14:25 Hydrothermal carbonization of grape pomace-form waste to potential biofuels
J. Petrović, Institute for Technology of Nuclear and Other Mineral Raw Materials, Serbia

15:05 - 15:30 Biofuel: An eco-friendly energy source
Pradip Lingfa, North Eastern Regional Institute of Science & Technology, India

15:30 - 15:55 Quantum-classical mechanics: Principles, applications, and prospects
Vladimir V. Egorov, Russian Academy of Sciences, Russia

15:55 - 16:20 Application of artificial intelligence in traffic management
Veljko Radičević, Academy of Technical and Art Applied Studies Belgrade, Serbia

Day 2 Concludes