

**2nd Forum of Revolutions in Renewable Energy in 21st Century
(FOREN-2022)
March 21, 2022**

Scientific Program

Day-1

Title: Sustainable Urban Mobility Transitions Within Urban Areas

Fabian Lohmar, Centre for Logistics and Traffic, Germany

Title: Developments of an advection model for solar forecasting on ground data, and irradiation sensor using small scale photovoltaics

Jun Suzuki, Fukuoka university, Japan

Title: An evaluation of optimal PV panel arrangement to mitigate the Duck-Curve phenomenon

Kyosuke Hamada, Fukuoka university, Japan

Title: T Development of an integrated infrastructure simulator for sustainable urban energy optimization and its application

Hana Hebishima, Fukuoka university, Japan

Title: Feasibility Study of a Sustainable Dairy Farm with Renewable Energy Sources

Shun Terasako, Fukuoka university, Japan

Title: The effect of CO2 emissions and economic performance on hydrogen-based renewable production in 35 European Countries

Li-Chen Chou, Shantou University, China

	<p>Title:Energy and environmental footprint of primary aluminium production</p>
	<p><i>Laszlo Kiss, Université du Québec à Chicoutimi ,Canada</i></p>
	<p>Title:A first principles framework to predict the transient performance of latent heat thermal energy storage</p>
	<p><i>Kedar Prashant Shete,Energy storage concepts and Materials,United states</i></p>
	<p>Title:Pre-treatment of sugarcane leaves by ozonolysis and in low eutectic point solvents (DES) to obtain fermentable sugars by enzymatic hydrolysis</p>
	<p><i>Mauricio Boscolo,Sao Paulo State University,Brazil</i></p>
	<p>Title:Layered double hydroxide as multifunctional materials for environmental remediation: from chemical pollutants to microorganisms</p>
	<p><i>Pooja Shandilya,Shoolini University,India</i></p>
	<p>Title:Comparative Study of two Nature Inspired Algorithms in Optimized ANN for Wind Speed Forecasting</p>
	<p><i>Eric Ofori-Ntow Jnr,CEGIST,Portugal</i></p>
	<p>Title:Sustainability of Higher Education</p>
	<p><i>Juan Carlos Sanchez Carrillo,Universidad de Castilla-La Mancha,spain</i></p>
	<p>Title: Preheating and humidifying the combustion air to increase the hot water boiler efficiency</p>
	<p><i>Aleksandrs Zajacs,Riga Technical University,Latvia</i></p>
	<p>Title:Reliabilty of downhole high alloyed steels – describing corrosion and corrosion fatigue</p>
	<p><i>Anja Pfennig,HTW Berlin Universtiy of Applied Sciences,Germany</i></p>

	<p>Title: Experimental analysis of a vegetation wall influence on the building envelope thermal conductivity</p>
	<p><i>Budimir sudimac ,University of Belgrade / Faculty of Architecture,Serbia</i></p>
	<p>Title:Defect Detection and Quantification in Electroluminescence Images of Solar PV Modules using U-net Semantic Segmentation</p>
	<p><i>Lawrence Pratt, CSIR,South africa</i></p>
	<p>Title:Assessment of electric vehicle charging infrastructure and its impact on the electric grid</p>
	<p><i>Jeyraj Selvaraj ,University of Malaya,Malaysia</i></p>
	<p>Title:Biostimulation of food waste anaerobic digestion supplemented with granular activated carbon, biochar and magnetite: A comparative analysis</p>
	<p><i>María Fe Altamirano,Autonomous National University of Mexico,Mexico</i></p>
	<p>Title:Generation-IV Reactors in Nuclear Hydrogen Production</p>
	<p><i>Haci Mehmet Sahin,University of Karabük,Turkey</i></p>
	<p>Title:Valorization of palm oil soap stock waste toward for biodiesel production: Process optimization under zero waste concept</p>
	<p><i>Pakawadee Kaewkannetra,Khon Kaen University,Thailand</i></p>
	<p>Title:Urban Canopy Thermal level Comfort and Cooling benefits of Vegetations</p>
	<p><i>Maryam Karimi,UAB,United states</i></p>

**2nd Forum of Revolutions in Renewable Energy in 21st Century
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March 22, 2022**

Day-2

Title:Comparative analysis of PV temperature profiles prediction at seashore and inland accounting for humidity, cooling due to sea water splash and evaporation on the modules

Socrates Kaplanis,Unicersity of West Attica,Greece

Title:Effect of the ozonation pretreatment on biogas production from waste activated sludge of Tehran wastewater treatment plant

Shahnaz Ghasemi,Sharif University of Technology,Iran

Title:Production of thermal and sound insulators from the fiber of the waste of used auto tires

Awni Al-Ottom,College of the North Atlantic,qatar

Title:Effect of Nanomaterial Addition on the Thermophysical Properties of Iraqi Paraffin Wax

Ahmed H. Ali,University of technology ,Iraq

Title:Definitions and Recent Trends in Circular Cities

Leonidas Anthopoulos,University of Thessaly,Greece

Title:Bilinear model and control strategy of the Concentrated PV/Thermal combi-systems

Lahoucine Ouhsaine,Lorraine University,France

Title:Development of environmentally friendly and sustainable energy solutions for mariculture farms within project INTEL-MARIC

Nikola Vladimir,University of Zagreb, Croatia

Title: Biomass calorific capacity of forest trees

Ivica Pivková, Institute of Forest Ecology SAS Zvolen, Slovakia

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