



**International Forum on
Renewable Energy and Sustainable Development**
October 09-11, 2023 | Dubai, UAE

1 October 9, 2023

Main Hall		
08:00 - 09:00		On-spot Registrations
09:00 - 09:15		Introduction & Opening Words
9:45-10:00		Honorary Speech by Chair:
Keynote Session		
Session: Waste to Energy & Energy Supply		
Chair: Mohamed Ibrahim Ali, Khalifa University, UAE		
09:15 - 10:15	K	Title: Waste Heat to Power: Opportunity and Challenges Mohamed Ibrahim Ali, Khalifa University, UAE
	Session Attendees	
	1	Prem P Vaishnava, Kettering University, USA
	2	Ali M. El-Rifaie, American University of the Middle East (AUM), Kuwait
	3	Muhammad Ashir Hameed, Institute of soil and environmental sciences, university of agriculture Faisalabad, Pakistan
	4	Abdelrahman Ali, Fayoum university, Egypt
	5	Amirabolfazl, AUT, Iran
	6	Mohammad Mahdi Khodavirdi Zanjani, Genova University, DICCA-Ph.D. Department In Civil, Chemical and Environmental Engineering, Iran
	7	Ashraf Issalih, Cranfield University, UK
	8	Erum Shaikh, Shaheed Benazir Bhutto University, Sanghar Campus, Pakistan
10:15 - 10:40	9	Title: Will be Updated Soon... Vladislav Karasevich, Delta P Ltd, Russia
Coffee Break		
11:00 - 11:30	K	Title: Anaerobic Digestion Integrated with Allam Cycle, Green Hydrogen and Methanation to Co-generate Electric Power and a Substitute of Natural Gas Giuseppe Spazzafumo, University of Cassino and SouthernLazio, Italy
Session: Environmental Impacts and Sustainability		
Session Chair: Candy Leighton, Regenerate Cities, UK		
11:30 - 12:30	K	Title: Cool Cities for People and Planet Candy Leighton, Regenerate Cities, UK
12:30 - 13:00	K	Title: Will be Updated Soon... Igor Ilin, Saint Petersburg Polytechnic University, Russia
13:00 - 13:05		Group Photo
Lunch Break		
Invited Session		
14:00 - 14:25	I	Title: How to Transform a Small Town into a Smart City Santo Abate, ALLING ABATE, Italy

14:25 - 14:50	I	Title: Will be Updated Soon... Yvon BERNARD, Axens Solutions, France
Session 01:		Nuclear Energy and Solar Energy Nuclear Energy & Nuclear Waste Management
14:50 - 15:15	I	Title: Nuclear Energy and Growth Nikos Fatouros, University of Birmingham, UK
15:15 - 15:40	I	Title: Azerbaijan's Renewable Energy Sources and Ways of their Expansion Natavan Namazova, Azerbaijan Technical University, Azerbaijan
15:40 - 16:05	I	Title: Azerbaijan's Cooperation with International Entities on Renewable Energy Sources for Green Development Zivar Zeynalova, Academy of Public Administration under the President of the Republic of Azerbaijan
16:05 - 16:20		Coffee Break
16:20 - 16:45	I	Title: Will be Updated Soon... Eugen Rusu, Dunarea de Jos University of Galati, Romania
16:45 - 17:10	I	Title: Feasible Strategies for Rural Areas Based on Environmental Sustainability Ming-Jyh Chen, China Medical University Hospital, Taiwan
17:10 - 17:35	I	Title: Preliminary Study of Various Energy Saving and Carbon Reduction Options for Healthcare Organizations to Reduce Environmental Impact Yi-Chu Liu, China Medical University Hospital, Taiwan
Poster Presentations		
Poster - 1		Title: Magnetic Energy Automaton Mechanical Oscillator for Multiple Uses Gregory Spaulding, Magnetic Voltage Source, USA
Poster - 2		Title: Quaternized Chitosan/PAN Composite Anion Exchange Membrane: an Experimental and Theoretical Approach Bauyrzhan Myrzakhmetov, National Laboratory Astana, Nazarbayev University, Kazakhstan
Poster - 3		Title: Will be Updated Soon... Natalia Politaeva, Saint Petersburg Polytechnic University, Russia
Poster - 4		Title: Will be Updated Soon... Anastasia Levina, Saint Petersburg Polytechnic University, Russia
Poster - 5		Title: Will be Updated Soon... Alissa Dubgorn, Saint Petersburg Polytechnic University, Russia
Poster - 6		Title: High Degradation Efficiency of Rhodamine B using ZnCo₂O₄/SiNWs as Photocatalyst under Visible Light Irradiation Sabrina NAAMA, A Research Center in Semiconductors Technology for Energetic (CRTSE).2, Algeria
Slots are Available		
Closing the conference for Day 1		
Day 2 October 10, 2023		
Keynote Session		
09:00 - 09:30	K	Title: Wake and Heat Transfer from Rounded-Corner Cylinder Alam Md. Mahbub, Harbin Institute of Technology, China

Invited Session		
09:30 - 09:55	I	<p>Title: Sustainable Renewable Energy for Oecussi - East Timor: a GIS-based Method</p> <p>Miguel Amado, University of Lisbon, Portugal</p>
09:55 - 10:20	I	<p>Title: Performance of a Reverse Osmosis (RO) Membrane under Variable Flow Conditions Suitable for Wave Powered Desalination</p> <p>Tapas Kumar Das, Queen's University Belfast, UK</p>
10:20 - 10:45	I	<p>Title: Urban Municipal Solid Waste (MSW) Challenges and Opportunities: Indian Scenario</p> <p>Bhaskar Kura, University of New Orleans, USA</p>
10:45 - 11:00	Coffee Break	
11:00 - 11:25	I	<p>Title: Modeling and Control of Power Electronic Converters for Microgrid Applications</p> <p>Yang Han, University of Electronic Science and Technology of China (UESTC), China</p>
11:25 - 11:50	I	<p>Title: State Monitoring and Control Strategs on the Lithium-ion Batteries</p> <p>Shunli Wang, Southwest University of Science and Technology, China</p>
11:50 - 12:15	I	<p>Title: Integration of Offshore Wind Farms through Multi-terminal HVDC Systems</p> <p>Kumars Rouzbehi, University of Seville, Spain</p>
12:15 - 12:40	I	<p>Title: Co-gasification and Recent Developments on Waste-to-Energy Conversion</p> <p>Abel Rouboa, University of Porto, Portugal</p>
12:40 - 13:05	I	<p>Title: Role of Remote Sensing and GIS in Feasibility Assessment of Solar Power Stations</p> <p>Behnam Khorrami, Dokuz Eylul University, Turkey</p>
13:05 - 14:00	Lunch Break	
14:00 - 14:25	I	<p>Title: Tall Buildings as Renewable Structure : Case study Abaya Tower</p> <p>Aleksandar Rudnik Milanovic, Rudnik Urbanism Design Architecture, Serbia</p>
14:25 - 14:50	I	<p>Title: Prospects of Hydrogen Technologies for Energy Storage using for Regions of Russia</p> <p>Vladislav Karasevich, Delta P Ltd, Russia</p>
14:50 - 15:15	I	<p>Title: Design Optimization for Solar Greenhouse Desiccant Dehumidifier & Carbon Dioxide Generator for the Climatic Conditions of Kuwait</p> <p>Abeer Abdullah Al Anazi, Australian University (AU), Kuwait</p>
15:15 - 15:40	I	<p>Title: Quantitative Methods in the Economic Evaluation of Renewable Energy Uses in the Agricultural Sector</p> <p>Hamed Rafiee, University of Tehran, Iran</p>
15:40 - 16:05	I	<p>Title: Will be Updated Soon...</p> <p>Syed Yaqzan, Cranfield University, UK</p>
16:05 - 16:20	Coffee Break	

16:20 - 16:45	I	Title: Will be Updated Soon... Lucie Krejcova, Cranfield University, UK
16:45 - 17:10	I	Title: Navigating through Bottlenecks: Managing the Energy Transition Greg De Temmerman, Quadrature Climate Foundation, UK
17:10 - 17:35	I	Title: Will be Updated Soon... Yong Yi, The Chinese University of Hong Kong, China
17:35 - 18:00	I	Title: Will be Updated Soon... Edyta Rudawska, University of Szczecin, Poland
Slots are available		
Closing the conference for Day 2		
Day 3 October 11, 2023		
Invited Session		
09:00 - 09:25	I	Title: Will be Updated Soon... Amelia Brandao, Center for Economics and Finance at U.Porto, Portugal
09:25 - 09:50	I	Title: Will be Updated Soon... Movileanu Codina, "Ilie Murgulescu" Institute of Physical Chemistry, Romania
09:50 - 10:15	I	Title: Will be Updated Soon... Zhen WU, Xi'an Jiaotong University, China
10:15 - 10:40	I	Title: Will be Updated Soon... Lujain Al-Shuhail, Prince Mohammed bin Fahad University, Saudi Arabia
10:40 - 11:05	I	Title: Will be Updated Soon... Giovanni Fernando Alcocer Cordero, Recognized and Very Important Scientific Researcher, Ecuador
11:05 - 11:20	Coffee Break	
11:20 - 11:45	I	Title: Will be Updated Soon... Laila Amer Al-Qahtani, Princess Noura bint Abdul Rahman University, Saudi Arabia
11:45 - 12:10	I	Title: Will be Updated Soon... Arvind Dhingra, Guru Nanak Dev Engineering College, India
12:10 - 12:35	I	Title: Will be Updated Soon... Abdelaziz Salah Khelifa Saidi, King Khalid University, Saudi Arabia
12:35 - 13:00	I	Title: Will be Updated Soon... Muhammad Hamza Naseem, Wuhan University of Technology, China
13:00 - 14:00	Lunch Break	
14:00 - 14:25	I	Title: Will be Updated Soon... Ozge Can NIYAZ, Canakkale Onsekiz Mart University, Turkey
14:25 - 14:50	I	Title: Will be Updated Soon... Suprava Chakraborty, Vellore Institute of Technology, India
14:50 - 15:15	I	Title: Will be Updated Soon... Vijay Mudgal, Chandigarh University, India
15:15 - 15:40	I	Title: Will be Updated Soon... Behzad Sani, Islamic Azad University, Shahre Qods Branch, Tehran, Iran

15:40 - 16:05	I	Title: Will be Updated Soon... Majid Ghassemi, K N Toosi University of Technology, Iran
16:05 - 16:30	I	Title: Will be Updated Soon... Abolfazl Ahmadi, Iran University of Science & Technology (IUST), Iran
Slots are available for In-person Conference		
Closing the In-person Conference		
Day 3 October 11, 2023		
Virtual Presentations		
Beijing Time Zone (GMT+8)		
10:00 - 10:40	P	Title: Heat Transfer Enhancement Strategies for Thermal Energy Storage System with Phase Change Materials: Passive and Active Methods Qiuwang Wang, Xi'an Jiaotong University, China
10:40 - 11:10	K	Title: Control and Optimisation of Microgrids Fuwen Yang, Griffith University, Australia
11:10 - 11:50	P	Title: Renewable Thermal Energy Recovery and Applications Chua Kian Jon, National University of Singapore, Singapore
11:50 - 12:20	K	Title: Will be Updated Soon... Hideyuki Kanematsu, Nagoya University, Japan
12:20 - 12:45	I	Title: Intellectual Capital and Firm Sustainability in Renewable Energy Sector: Evidence from China and India Jian Xu, Qingdao Agricultural University, China
12:45 - 13:10	I	Title: Negligible Carbon Costs of UHVDC Infrastructure Delivering Renewable Electricity Chaochao Gao, Zhejiang University, China
13:10 - 13:35	I	Title: Rational Design and Precise Regulation of Electrocatalytic Materials for Nitrogen Reduction Shaodong Zhou, Zhejiang University, China
13:35 - 14:00	I	Title: Will be Updated Soon... Anle Mu, Xi'an University of Technology, China
14:00 - 14:25	I	Title: Will be Updated Soon... Syed Ahmad Farhan bin Syed Ahmad Iskandar, Petronas University of Technology, Malaysia
14:25 - 14:50	I	Title: Will be Updated Soon... Ravinder Kumar, India
14:50 - 15:15	I	Title: Will be Updated Soon... Mudit Kumar Singh, IIT Kanpur, India
15:15 - 15:45	K	Title: Will be Updated Soon... Ankit Oza, Institute of Advanced Research, India
15:45 - 16:10	I	Title: Will be Updated Soon... Suprava Chakraborty, Vellore Institute of Technology, India
16:10 - 16:35	I	Title: Electrification of Hydrogen Storage Processes: From Ammonia to Liquid Organic Hydrogen Carriers Blaz Likozar, National Institute of Chemistry (NIC), Slovenia
16:35 - 17:00	I	Title: The Potential of Recycled Materials in the Energy Efficiency of Buildings Cesar Porras Amores, Polytechnic University of Madrid, Spain

17:00 - 17:25	I	Title: Will be Updated Soon...
		Cristina Calheiros , 1. CIIMAR of University of Porto, Portugal 2. University of Saint Joseph, Macao
17:25 - 17:50	I	Title: Will be Updated Soon...
		Flouros Floros, University of Neapolis Pafos, Cyprus
17:50 - 18:15	I	Title: Electric Truck Hydropower, a Flexible Solution to Hydropower in Mountainous Regions
		Hunt Julian, International Institute for Applied Systems Analysis, Austria
18:15 - 18:55	P	Title: Modeling Using Metaheuristic Algorithms
		Hany Mohamed Hasanien, Ain Shams University, Egypt
18:55 - 19:20	I	Title: Will be Updated Soon...
		Hesham Mohamed Ali Hashem Morgan, Cairo University, Egypt
19:20 - 19:45	I	Title: Will be Updated Soon...
		Muhammad Faheem Ud Din Afzal, Florida International University, USA
19:45 - 20:10	K	Title: Green Energy Cloud and Artificial Intelligence Services
		Jerry Zeyu Gao, San Jose State University, USA
20:10 - 20:35	I	Title: Will be Updated Soon...
		Pedro Ivo Nóbrega, Brazil
Slots are available for Virtul Conference		
End of the Virtual Conference		
Note: This is a Tentative Program, it is Subjected to changes till Final Program		