

4TH GLOBAL SUMMIT ON RENEWABLE ENERGY, STORAGE AND SUSTAINABILITY
DATES: July 23–24, 2026 in VIENNA, AUSTRIA
VENUE: RAINERS HOTEL

TENTATIVE AGENDA

DAY-1 (July 23)

08:30-09:00	REGISTRATIONS & OPENING REMARKS
09:00-09:30	PLENARY TALK
09:30-10:00	PLENARY TALK
10:00-10:30	Group Photo
	Refreshment Break
KEY NOTE PRESENTATION	
10:30-11:00	<i>A DIGITAL TWIN FRAMEWORK FOR CLOSED-LOOP WATER MANAGEMENT</i>
	Dr. Gialelis Ioannis, University of Patras, Greece
<i>Technical Session- I</i>	
11:00-11:20	<i>AN ANALYSIS OF THE DUST DEPOSITION AND OTHER CLIMATIC PARAMETERS ON SOLAR PHOTOVOLTAIC MODULES IN MAURITIUS</i>
	Dr. Dhirajsingh Rughoo, University of Mascarene Islands, Mauritius
11:20 - 11:40	<i>ANTICIPATORY SUSTAINABLE AND CIRCULAR-BY-DESIGN MATERIAL DEVELOPMENT - ASSESSMENT FRAMEWORK, MATERIAL CONCEPTS, AND DEVELOPMENT</i>
	Dr. Jan-Marten Sprenger, Fraunhofer-Institute for Manufacturing Technology and Advanced Materials IFAM, Germany
11:40-12:00	<i>APPLICATION OF THE DDM METHOD FOR FABRICATION OF LOW-CRITICAL-MATERIAL ELECTRODES FOR ALKALINE WATER ELECTROLYSIS</i>

11:50-12:00	Dr. Elitsa Petkucheva , Institute of Electrochemistry and Energy Systems, Bulgaria
12:00-12:20	<i>APPLICATION OF MACHINE LEARNING TECHNIQUES IN MINERAL RESOURCE ESTIMATION: A CASE STUDY WITH IRON ORE DEPOSIT</i>
	Prof. Sheo Shankar Rai , Indian Institute of Technology, India
12:20-12:40	<i>REINFORCEMENT LEARNING VERSUS PI CONTROL FOR CO₂-BASED CLASSROOM VENTILATION: A REAL-DATA BENCHMARK ON FAN ELECTRICITY AND IAQ</i>
	Dr. Masoud Haddad , University of Vaasa, Finland
12:40-13:00	<i>BIOMASS BOTTOM ASH VALORISATION FROM FLUIDIZED BED COMBUSTION FOR CEMENT AND CIVIL ENGINEERING APPLICATIONS: A CIRCULAR ECONOMY PERSPECTIVE</i>
	Dr. Elżbieta Jarosz-Krzemińska , AGH University of Krakow, Poland
13:00-14:00	Lunch @ Restaurant
Technical Session- II	
14:00-14:20	<i>THE SILENT DRAIN: HOW GOVERNANCE MAKES OR BREAKS JV VALUE BEFORE THE FINANCIALS SHOW IT</i>
	Dr. Cornelia Oana Toropoc , OMV, Austria
14:20-14:40	<i>SMART ADAPTIVE HEATING CONTROL FOR OVERHEATING MITIGATION IN NORDIC COMMERCIAL BUILDINGS</i>
	Prof. Amirmohammad Behzadi , KTH Royal Institute of Technology, Sweden
14:40-15:00	<i>APPLICATION OF RECYCLED CONCRETE AGGREGATES FOR THE CONSTRUCTION OF ASPHALT MIXTURES FOR ROAD PAVEMENTS: SUSTAINABLE WASTE MANAGEMENT AND CIRCULAR ECONOMY</i>
	Prof. Juan Gabriel Bastidas-Martínez , Nueva Granara Military University, Colombia
15:00-15:20	<i>SUSTAINABLE SUPPLY CHAIN DESIGN FOR BIOENERGY PRODUCTION: TRENDS, OPTIMIZATION STRATEGIES, AND FUTURE RESEARCH DIRECTIONS</i>
	Prof. Alexandra Duarte Castillo , Caldas University, Colombia

15:20-15:40	<i>TURNING THE TIDE ON EMISSIONS THROUGH CIRCULAR ECONOMY PRACTICES, TOURISM DEVELOPMENT AND INNOVATION-DRIVEN CLIMATE MITIGATION</i>
	Prof. Muhammad Imran, Shandong Xiehe University, China
15:40-16:10	Poster Presentations + Refreshment Break
<i>Poster-1</i>	<i>WASTE-TO-ENERGY MATERIALS: TRANSFORMING FLOTATION EFFLUENTS INTO ADVANCED POLYMER-METAL NANOCOMPOSITES FOR HIGH-PERFORMANCE SUPERCAPACITORS</i>
	Dr. Atanas Svetoslavov Garbev, IEES, Bulgaria
<i>Poster-2</i>	<i>PD-MODIFIED POROUS FRAMEWORKS: TOWARDS SELECTIVE AND EFFICIENT GAS SEPARATION</i>
	Dr. Anna Król, Oil and Gas Institute, Poland
<i>Poster-3</i>	<i>ELECTROLYTIC RECOVERY OF INDIUM FROM COPPER INDIUM GALLIUM SELENIDE PHOTOVOLTAIC PANELS: PRELIMINARY INVESTIGATION OF PROCESS PARAMETERS</i>
	Dr. Monika Gajec, Oil and Gas Institute, Poland
Technical Session- IV	
16:10-16:30	<i>TOWARDS A SAFE AND SUSTAINABLE RECYCLING OF ELASTANE-CONTAINING TEXTILES</i>
	Dr. Tim Åström, Stockholm University, Sweden
16:30-16:50	Slot Available
16:50-17:10	Slot Available
17:10-17:30	Slot Available
Day-1 Concludes	
<u>DAY-II (July 24)</u>	

09:30-10:00	REGISTRATIONS & OPENING REMARKS
<i>Technical Session- V</i>	
10:00-10:25	<i>NUDGING FOOD WASTE REDUCTION: AN EXPERIMENT AT A UNIVERSITY DINING FACILITY IN CHINA</i>
	Dr. Zhang Yuchi , The University of Osaka, Japan,
10:25-10:50	<i>TOWARDS CIRCULAR BUILDINGS IN HONG KONG: A NEW INTEGRATED TECHNOLOGY-MATERIAL-DESIGN (TMD) CIRCULARITY ASSESSMENT FRAMEWORK</i>
	Dr. Kin-Sing-Ericson-LAU , ESG VISA Limited, Hong Kong
10:50-11:15	<i>ADVANCED RECYCLING TECHNOLOGIES AND MATERIAL RECOVERY</i>
	Prof. Osman Adiguzel , Firat University, Turkey
11:15-11:40	<i>TRIBO-ELECTROSTATIC SEPARATION OF POLYMER MIXTURES CONTAINING BROMINATED FLAME RETARDANTS</i>
	Dr. Lucien Dascalescu , PPRIME Institute, CNRS University of Poitiers, France
11:40-12:05	<i>INSTITUTIONAL QUALITY AND RENEWABLE ENERGY TRANSITION IN THE EUROPEAN UNION: EVIDENCE FROM PANEL DATA ANALYSIS</i>
	Dr. Mahdi MNASRI , University Paris Cité, France
12:05-12:35	<i>ADVANCED RECYCLING TECHNOLOGIES AND MATERIAL RECOVERY</i>
	Prof. Dr.-Ing. Matthias Franke , Fraunhofer UMSICHT, Germany
12:35-13:00	<i>ASSESSING THE ECONOMY-WIDE IMPLICATIONS OF THE IMO MID-TERM MEASURES: EVIDENCE FROM THE REPUBLIC OF KOREA</i>
	Dr. Han-Seon PARK , KMI, Republic of Korea
13:00-13:25	<i>DATA-DRIVEN URBAN LOGISTICS FOR CARBON FOOTPRINT REDUCTION: THE ROLE OF PARCEL PICK-UP POINTS IN SUSTAINABLE LAST-MILE DELIVERY</i>

	Dr. Sirine Adsi , University of Sfax, Tunisia
13:25-13:50	<i>BREAKING BARRIERS IN FAPBI3 PEROVSKITE PHOTOVOLTAICS: SYNERGISTIC STRATEGIES FOR PHASE STABILITY, DEFECT MITIGATION, AND SCALABLE PRODUCTION</i>
	Dr. John Anyanwu , Africa Centre of Excellence in Future Energies and Electrochemical Systems, Nigeria
13:50-14:15	<i>FROM GENERATIVE TO AGENTIC AI IN MARKETING COMMUNICATION: LINGUISTIC AUTONOMY, ETHICAL CONTROL, AND TRUST DYNAMICS IN ALGORITHMIC MARKETSA</i>
	Dr. Marwa Khairallah , University of Sfax, Tunisia
14:15 - 14:40	<i>A STRATEGIC TECHNO-ECONOMIC ASSESSMENT OF DISTRIBUTED PHOTOVOLTAIC SYSTEMS VERSUS CENTRALIZED SOLAR POWER PLANTS FOR LARGE-SCALE INDUSTRIES IN IRAN CASE STUDY: GOLGOHAR MINNING & INDUSTRIAL COMPANY</i>
	Prof. Masoud Rashidinejad_SBUK , Iran
14:40 - 15:05	SLOT AVAILABLE
15:05 -15:30	SLOT AVAILABLE
15:30 -15:55	SLOT AVAILABLE
15:55-16:25	<i>AN OVERVIEW OF OIL SPILL MODELING AND SIMULATION METHODS FOR FIXED AND CONTINUOUS FLOW RATES UNDER DIFFERENT CONDITIONS</i>
	Prof. M. R. Riazi , Texas A&M University, USA
16:25-17:00	<i>ZEOLITE SYNTHESIS AS AN OPPORTUNITY FOR CONSTRUCTION AND DEMOLITION WASTE UPCYCLING</i>
	Prof. Gabriela A. Vázquez-Rodríguez , Universidad Autonoma del Estado de Hidalgo, Mexico
17:00 -17:25	<i>BIOREMEDIATION 4.0: MICROBIAL CONSORTIA DESIGNED FOR WATER PURIFICATION</i>
	Dr. Edgar Omar Rueda Rueda Puente , Universidad De Sonora, Mexico
17:25-17:40	Closing remarks
Day-II concludes	
This is a provisional agenda and may be subject to change. Only a few slots are available. To reserve your slot, please reach out ASAP at energy@urforum.org or at +44 7404141173 .	