

TMREES Conference Series - 2017 TMREES Spring Meeting

Technologies and Materials for Renewable Energy, Environment and Sustainability.

Beirut-Lebanon // April 21 to 24, 2017 // www.tmrees.org



“**TMREES Conference Series**” aim to promote sustainable, healthy and diverse ecosystems; encourage & support the Sustainability and development of security systems through green-based & clean resources, bringing together participants from international organizations, universities, industry & administrative to exchange innovative ideas, explore enabling technologies, share experiences in sustainability issues & to open a new window on the circumstances of the classical energy sources & their harmful impact on the society.

The **TMREES17 Spring Meeting international conference** has as a general philosophy to bring together different disciplines of the global research community, in order to discuss, present and network the latest developments and innovations in sustainability; as well as funding opportunities.

Conference Topics Include, but are not limited to:

Topic 1: Special Session: Hydrogen Energy & fuel cells

Production, storage, transmission, utilization, enabling technologies, environmental impact, economic, thermochemical, photochemical, electrochemical (fuel cells) and nuclear conversion of hydrogen, mechanical and electrical energies (applications in transportation, industrial, commercial and residential sectors).

Topic 2: Solar Energy: New Technologies & Advanced Material

Thin Film solar cells, Solar Cells/ Modules/PV-Systems. Organic-based PV, Polymer PV, dye-sensitized cells/modules. Integration in buildings and urban planning. Photochemical Solar Energy Conversion, Photo thermal Devices. Crystallization, Wafering, advanced production technologies for silicon and wafers. Manufacturing Issues and Processing, waste treatment, safety. Microelectronics for Photovoltaic. Characterization of materials and devices, testing, measurements, quality and aging, reliability aspects. PV Materials, New Materials, Nanomaterials, Nanotechnologies, new Design/Concepts for PV Cells and Modules, Modeling and simulation, Semiconductors, III-V & concentrator cells .

Topic 3: Other Renewable Sources of Energy

Smart grids; Innovative systems with storage, Power electronics, Power Quality issues, solar panel. Optimization techniques. Energy Storage-Saving-Management; Engineering Technologies & solutions, Energy Transmission and Distribution, Production and Efficiency. Electricity Networks of the Future, Power and Energy Generation. Wind energy; Offshore wind energy-Potential, challenges and state-of-the-art, Technical developments. Bioenergy; Conversion technologies, Operational & logistical challenges, Techno-economic, biomass & waste. Biofuels; Biorefinery, Thermochemical & Biochemical conversion. Hydropower; Technology, Integrated water and energy management. Marine; Salinity difference power source. Hybrid and Integrated Systems.

Topic 4: Management, Sustainability and Environmental Quality

Energy Policy, Planning & Management laws. Building Management Systems, Smart Grid, Smart metering, Industrial waste treatment management, Air pollution control and equipment, Environmental technologies and Contribution sustainability, Climate Change, Emissions and Global Warming, Sustainable built environment, Ecotoxicity. Sustainable development and planning, Natural resources management, Soil contamination and recovery, Landscape development and management, Green economy, Future Markets, Business Opportunities.

Topic 5: Debate on Climate Change, Economy and Sustainable Development

Committees

Chairs Committee

Chafic Salame, Georges Descombes, Michel Aillerie, Panagiotis Papageorgas, Sylvie Fauchaux

Program Committee

Antoine Aouad, Christelle Périlhon, Emmanuel Labis, Jean Zaraket, Maya Julien, Pierre Petit, Ralph Abi-Rizk, Takla Aouad.

SC/ Int'l Reviewers // Chairs: Christelle Perilhon and Georges Vokas

Andrea Capodaglio, Italy	Imtithal Sheet, Lebanon
Angel Cid-Pastor, Spain	Kareema Ziadan, Iraq
Abdelaziz Ahaitouf, Morocco	M.Y. Ayad, France
Ali Benmeddour, Canada	Michel Aillerie, France
Aseel, Hassan, United Kingdom	Muna Abbas, Iraq
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Chafic Salame, Lebanon	Nicolas Fressengeas, France
Christelle Périlhon, France	Omar Elmazria, France
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Errami Youssef, Morocco	Panagiotis Papageorgas, Greece
Fernando Tadeo, Italy	Paulo Brito, Portugal
Frederic Saint-Eve, France	Piotr Arabas, Poland
Georges Vokas, Greece	Salman Ajib, Germany
	Sylvie Fauchaux, France

Publication:

All accepted Papers will be published by Elsevier in **EGYPRO Journal**.

Special Issue at the Int J. Hydrogen Energy for related topics.



Will be submitted for Abstracting and Indexing (A+I): Scopus (Elsevier), Web of Science, Inspec, CAS, ADS, EBSCO, TOC Premier, SJR, EI-Compendex and Eng. Index.

Presentation Types



Researchers that are unable to attend the conference, but still wish to have their papers presented and published, the following two distance presentations are possible:

- 1- A special session will be scheduled for online direct presentation at distance (We will provide you an internet link that allow you to join the conference in direct online)
- 2- Or your presentation as a poster will be uploaded on the conference website prior to the conference. A certificate for all presentations will be delivered at the end of the conference

Deadlines:

Full paper submission: Up to March 31, 2017

Early Bird registration: Up to March 21, 2017

Regular registration: From March 22, 2017

Registration

			
	Academic	Student	Distance
Early Bird Registration Up to March 21, 2017	 385 Euros	355 Euros	350 Euros
Regular & On-Site From March 22, 2017	 430 Euros	385 Euros	350 Euros
Paper Publication (EGYPRO/Elsevier)	 ✓	✓	✓
Certificate	 ✓	✓	e-certificate
Welcome Package	 ✓	✓	Online materials
Full conference access	 ✓	✓	✗
Lunches, Dinners & Coffee breaks	 ✓	✓	✗
Social Programs	 ✓	✓	✗

- For IJHE submissions the registration fee is fixed at 650 €per paper and regardless the deadlines.
- Additional paper: €250 per paper (max 2 papers) (Not valid for IJHE papers)
- Accompanying persons €300 for full activities

