



# TMREES Conference Series –2016 TMREES Fall Meeting

## Technologies and Materials for Renewable Energy, Environment and Sustainability.

### Paris-France November 16 to 18, 2016

[www.tmrees.org](http://www.tmrees.org)

COP22 Label



“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 TMREES16 Fall 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 (Si, CdTe, CIS), Solar Cells/ Modules/PV-Systems for Space Applications. Organic-based PV, Polymer PV, dye-sensitized cells/modules. PV Systems and components, PV System Reliability and Availability. PV and Architecture, 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. Photovoltaic Materials, New Materials, Nanomaterials, Nanotechnologies, new Design/Concepts for PV Cells and Modules, Modeling and simulation, Semiconductors, III-V & concentrator cells for PV Solar application

#### Topic 3: Other Renewable Sources of Energy

Smart grids; Innovative systems with storage, Power electronics (components and applications), 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 and logistical challenges, Techno-economic considerations, biomass and waste. Biofuels; Biorefinery, Thermochemical and Biochemical conversion. Hydropower; Technology, Integrated water and energy management. Marine; Salinity difference power source

#### Topic 4: Management, Sustainability and Environmental Quality

Hybrid and Integrated Energy System, Power Systems and Automation, Energy Policy, Planning & Management laws. Electricity and Energy Efficiency, Building Management Systems, Smart Grid, Smart metering, Energy Storage & Plug-In Electric Vehicles. Industrial waste treatment, Air pollution control and equipment, Pollution prevention in industry, Water pollution and treatment. 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: Climate debate in French-speaking Europe, Middle East and Africa.

**Preferential fares Tickets** for TMREES Attendees: **Direct Online or Agency**  
Kindly ask for the attendance Proof ([info@tmrees.org](mailto:info@tmrees.org))

#### Deadlines:

Full paper submission: Up to October 23, 2016.  
Early Bird registration: Up to September 15, 2016  
Regular registration: From September 16, 2016

**All accepted Papers will be published by one of the following Issues.**

#### Publications: Special Issues for TMREES18 Int'l Conference

- 1- *AIP Scitation*, American Institute of Physics Publishing LLC (H-index: 34)
- 2- *Energy Procedia*, Elsevier (H-index: 37)
- 3- *International Journal of Hydrogen Energy-IJHE*, Elsevier(5-Year IF: 3.448)
- 4- *Progress in Industrial Ecology - PIE*, InderScience (H-index: 19)
- 5- *Management of Environmental Quality-MEQ*, Emerald (H-index: 17)
- 6- *Int Journal of Sustainable Development-IJSD*, InderScience (H-index: 19)

*Abstracting and Indexing (A+I): Scopus (Elsevier), Conf. Proc.CI (Web of Science), Inspec, CAS, ADS, EBSCO, TOC Premier, SJR, EI-Compendex and Eng. Index.*

#### Presentation Types

##### Oral presentation



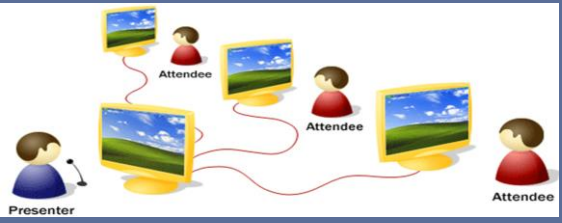
15 minutes for each presentation

##### Poster presentation



Size ≤ A0 (84x119 cm) portrait.

##### Virtual presentation



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

- 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 website prior to the conference. A certificate of presentation will be delivered at the end of the conference

#### Chairs Committee

Clotilde Ferroud, Fr - Chafic-T Salame, Lb - Georges Descombes - Fr - Michel Aillerie, Fr

#### Program Committee

Anthony Combes, Fr Emmanuel Labis, Fr Antoine Aouad, Lb  
Jean Zaraket, Lb Pierre Petit, Fr Christelle Périllon, Fr  
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#### SC/ Int'l Reviewers // President: Panagiotis Papageorgas and Sylvie Fouchaux

- |                               |                                   |
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| Majda Suleiman, Kuwait        | Valter Silva, Portugal            |
| Michel Aillerie, France       |                                   |

REGISTRATION	Presentations		
	Oral & Poster	Students	Virtual
<b>Early Bird Registration</b> Up to September 15, 2016	460 Euros	385 Euros	385 Euros
<b>Regular &amp; On-Site</b> From September 16, 2016	560 Euros	430 Euros	385 Euros
<b>Paper Publication (EGYPRO &amp; AIP)</b>	✓	✓	✓
<b>Certificate</b>	✓	✓	e-certificate
<b>Welcome Package</b>	✓	✓	Online materials
<b>Full conference access</b>	✓	✓	✗
<b>Lunches &amp; breaks</b>	✓	✓	✗
<b>Social Programs</b>	✓	✓	✗

