

## Introduction

In response to the ever increasing interests and technological developments in environmentally friendly energy systems, the Organizing Committee are pleased to welcome you to the 3rd International Symposium on Environment-Friendly Energies and Applications (EFEA'2014) which will be held in Paris, France, 19-21 November 2014. EFEA is a forum for bringing academics, scientists, engineers and industrial partners together to discuss the recent developments in the areas of environment friendly energies and their applications. The main theme of this symposium is on renewable and sustainable energy systems, hybrid transportation systems and energy security.

## Conference Venue

The Symposium will be held at Supméca - Institut supérieur de mécanique de Paris.



The Supmeca-Paris campus is located at Saint-Ouen. The city of Saint-Ouen is situated in the northeast of Paris. Together with its neighbouring towns of Paris, they form a single, diverse and extremely vibrant visitor destination and conference venue. It has a world-class culture, vibrant nightlife, award-winning restaurants, renowned museums like the Louvre and the Musée d'Orsay, inspiring heritage and architecture such as the Eiffel tower and the Champs Elysées, including fantastic accommodation facilities and shopping complexes.

## Topics

EFEA'2014 topics include (but are not limited to):

- 1. Policy:** *Renewable Energy Technology Roadmap; R&D; Finance; Supply Chain; Marketing*
- 2. Low Energy Building and Architecture:** *Green Building; Bioclimatic Architecture; Comfort and Indoor Climates; New Materials; Smart HVAC systems*
- 3. Advanced Power Systems:** *Distributed Energy Resources; Smart Grid; Micro-grid; Power Electronic Convertors*
- 4. Electric and Hybrid Vehicles:** *Electric Cars; Hybrid Engines; Regenerative Brake Systems; Power/Electric Transmission Systems; Battery Charge/Energy Management*
- 5. Control:** *Smart Electrical Energy Metering; Fault Tolerated Control Systems; Demand/Power Control*
- 6. Wind and Hybrid Renewable Energy Systems:** *Wind Turbine Aerodynamics and Structure; Wind Turbine Load and Power Control; On-grid and standalone Hybrid System; Power/Demand Management Systems; Resource Modelling*
- 7. Solar Thermal and Geothermal:** *Solar thermal collectors; Solar desalination; Solar Heat Pump; Combined Heat/ Power; Air-Conditioning; Geothermal Heat Pump; Geothermal Direct Use*
- 8. Hydrogen & Fuel Cell:** *Fuel Cell Power Plants; Fuel Cell for Transportation; Hydrogen Production*
- 9. Hydropower and Marine Energy:** *Micro & Pico Hydro System; Ocean Thermal Energy; Wave Energy; Tidal Energy*
- 10. Energy Storage:** *High voltage batteries; Battery charge balancing and cooling; Charge/energy management; Ultrabatteries; Thermal, unconventional and Hybrid energy storage systems*
- 11. Biomass:** *Biofuel; Biomaterials; Biomass Gasification; Biomass heating systems*
- 12. Materials in Renewable Energy Technologies:** *Composite materials; Smart materials; Shape memory alloys*
- 13. Education and Career:** *Higher education; Life-long learning; Prospects in green job opportunities;*
- 14. Ecodesign:** *Methods and design tools for renewable energy and eco-design;*



## INTERNATIONAL SYMPOSIUM ON ENVIRONMENT FRIENDLY ENERGIES AND APPLICATIONS (EFEA 2014)

<http://soe.northumbria.ac.uk/efea2014/>

19-21 November 2014

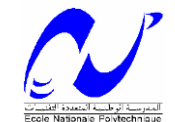
Supméca - Institut supérieur de mécanique de Paris, 3 rue Fernand Hainaut, 93400 Saint-Ouen.

## Call for Papers



*"Working towards a green future"*

Organised by:



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## Conference Secretary

Secretary of EFEA'2014  
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93400 Saint-Ouen – France,  
[EFEA2014@supmeca.fr](mailto:EFEA2014@supmeca.fr)  
[www.supmeca.fr](http://www.supmeca.fr)

## Important Dates

Full paper submission deadline: **30 August 2014**  
Notification of acceptance: **15 September 2014**  
Early bird registration deadline: **15 October 2014**  
Camera-ready version submission deadline: **15 Oct. 2014**  
Author registration deadline: **15 Nov. 2014**

## Publication

**Conference Proceedings:** Delegates will receive a copy of the proceedings at the registration desk.

**Journal Publication:** Selected papers will be published in a special issue of one the sponsoring professional Institutions.

## Paper Submission

**Submission:** Papers should be submitted online to:

<https://cmt.research.microsoft.com/EFEA2014>

**Format:** Papers should be written according to IEEE standard. Papers should not exceed 6 pages.

**Language:** The language of the conference will be English.

## Registration Fee

Authors registration fee include lunch, banquet, conference proceedings and conference bag.

	Before and on 15 Oct. 2014	After 15 Oct. 2014	On-site registration
Authors	350€	400€	N/A
Authors (Student)	250€	300€	N/A

Workshop fee: 20 €