

International Conference on Advanced Materials for Photonics, Sensing and Energy Conversion Applications



Synopsis

The International conference on Advanced Materials for Photonics, Sensing and Energy Conversion Applications (AMPSECA 2012) brings together leading researchers from different disciplines on one platform. This large gathering of academic and industrial researchers will provide in depth information on materials and their applications to energy conversion, photonics and sensing. This conference will have emphasis on energy related issues and will bring eminent scientists and program managers from various funding agencies in the form of plenary speakers and panel discussions.

Topics

- **Photonics**
 - ❖ Photonics / Nanophotonics
 - ❖ Biophotonics
 - ❖ Functionalized compounds for nonlinear optics (NLO) applications
 - ❖ Electro-optic materials and devices
 - ❖ Laser-matter interaction and NLO processes
 - ❖ Photoinduced nano and micro structuration
- **Energy conversion**
 - ❖ Energy applications of nanostructures and nanomaterials
 - ❖ Application of ferroelectrics and magnetoelectrics
 - ❖ Thermoelectric materials and their applications
 - ❖ Mixed conducting membranes for fuel conversion
 - ❖ Nanomaterials for photocatalysis
 - ❖ Applications to water cleaning
 - ❖ Energy harvesting devices
 - ❖ Phosphate materials and applications
- **Sensing and bio-sensing**
 - ❖ Nanomaterials for sensing applications
 - ❖ Sensor technology
 - ❖ Instrumentation and data processing
 - ❖ Biomarkers
- **Materials and Biomaterials**

Important dates

Abstract submission deadline	August 31, 2012
Notification of acceptance	September 15, 2012
Full paper submission	October 15, 2012
Conference	December 5-7, 2012

Accepted papers will be published in a special issue of the "**Journal of Optoelectronics and Advanced Material**" or in "**Optical & Quantum Electronics**"

- Special Issue.

Abstract and manuscript submission should be made by e-mail to ampseca2012@ensaj.ac.ma. More information and templates can be found on the website

<http://www.ensaj.ac.ma/ampseca2012/ampseca.html>

Language

The English is official language of the conference.

Venue

The conference will be held in National School for Applied Sciences ENSAJ in El Jadida (Morocco)



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**5-7 December, 2012
El Jadida, MOROCCO**

<http://www.ensaj.ac.ma/ampseca2012/home.html>
Organized jointly by
 Moroccan society of advanced materials physics and their applications
 Chouaïb Doukkali University of El Jadida (Morocco)
 University of Angers (France)
 National Institute for Applied Sciences INSA, Lyon (France)
 University of Valenciennes (France)
 University of Lyon 1 (France)

