

## CONFERENCE DEADLINES

- ❖ Web site of the conference open by **May 15, 2010**
- ❖ Deadline for abstract: **October 31, 2010**
- ❖ Deadline for draft paper: **December 15, 2010**
- ❖ Review: **December 15, 2010 – January 31, 2011**
- ❖ Deadline for final paper: **February 28, 2011**

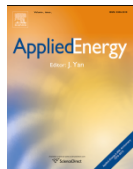
All papers will be peer reviewed before being accepted for presentation at the conference and published in the conference proceedings.

Selected papers will also be published in a special issue of Applied Energy.

### Applied Energy

An international journal established since 1975.

12 issues per year, about 400 papers published in 2009. SCI impact factor 2.209 (2010)



[www.elsevier.com/locate/apenergy](http://www.elsevier.com/locate/apenergy)

**Applied Energy** provides a forum for information on innovation, research, development and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, analysis and optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

## HOSTING UNIVERSITY

The University of Perugia was founded in 1308 by Pope Clemente V. The "Studium Generale" in the XIV century was one of the most famous Schools in Italy, where students could attend courses in law and medicine. From the XV to the XVII century, courses of Science, Mathematics and Ancient Languages were also introduced. The school of Engineering was founded in 1987: a new school in one of the oldest Italian Universities.

## GENERAL INFORMATION

After the successful conferences in Hong Kong in 2009 and Singapore in 2010, the Third International Conference on Applied Energy will be organized in Europe in 2011. The location selected for the third conference is greatly different from the Asian cities that hosted the first two editions.

Perugia is a small town located in central Italy, in a region which is called the green heart of Italy and which is full of history and traditions. It is a chance to step back from busy and overpopulated cities and rediscover a more sustainable life with a slower pace.

The past conferences have addressed the issue of sustainable development from different points of view and we can now assess the most suitable ways to move in that direction. It is now agreed by scientists, stakeholders, politicians, and the general public, that sustainable development cannot be reached with a single and unique solution but it can be achieved with a variety of solutions, technologies and choices.

In the field of applied energy, sustainable development means saving energy, using renewable energy sources and mitigating pollution and greenhouse gases emissions. All those goals have to be pursued together with the same force and determination.

This conference wants to assess the above three goals and define future strategies to accomplish them in the best way.



## CALL FOR PAPERS

## ICAE 2011

### INTERNATIONAL CONFERENCE

### ON APPLIED ENERGY

MAY 16-18, 2011

PERUGIA, ITALY



A post-conference special issue with selected papers from ICAE2011 will be published in

Applied Energy.

[www.icae2011.unipg.it](http://www.icae2011.unipg.it)



## CONFERENCE TOPICS

### Renewable and Green Energy Resources and Technologies

- Biomass, wind and solar energy resources and technologies
- Alternative fuels
- Fuel cells and hydrogen energy
- Energy storage technologies
- Biomass Gasification

### Energy Conservation in Buildings

- Green and “zero energy” buildings
- Green building envelopes
- Energy efficient heating and cooling systems
- Heat pump, thermal storage and energy recovery

### Advanced Energy Technologies

- Micro- and nano-technology applied to energy systems
- Carbon capture and storage systems
- Combustion and engine technology
- Novel and advanced energy conversion systems

### Energy Systems for Power Generation

- Energy efficiency and management
- Energy process and system modeling and optimization
- Advanced power generation, transmission and automation
- Distributed energy systems
- Poly-generation systems

### Energy, Environment and Climate Change

- Greenhouse gas and climate change mitigation
- Climate change policy, economics, and modeling
- Energy efficiency
- Energy security
- Energy strategy and planning
- Regional sustainable development
- Low carbon society and sustainable cities
- Pollutant emission control and abatement

## ORGANIZING COMMITTEE

Professor Umberto Desideri, Italy (Chair)  
Professor Jinyue Yan, Sweden  
Professor Siaw-Kiang Chou, Singapore

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S. TU, *PR China*  
Y. UCHIYAMA, *Japan*  
Q.W. WANG, *PR China*  
Y. WEI, *PR China*  
Y. YAMAGATA, *Japan*  
H. YANG, *Hong Kong*  
X.X. YANG, *PR China*  
K. YOSHIKAWA, *Japan*

## CONFERENCE VENUE AND DATES

Perugia Centro Congressi, Perugia, Italy  
May 16-18, 2011

## LOCAL ORGANIZATION COMMITTEE

Professor Francesco Fantozzi  
Professor Cinzia Buratti  
Professor Paolo Verducci  
Dr. Stefania Proietti

## CONTACT INFORMATION

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## HOW TO REACH PERUGIA

Perugia is located in central Italy 150 km south east of Florence and 170 km north of Rome  
Perugia can be reached:  
- By airplane: Perugia has a small airport with connections to Milan (Alitalia) and London Stansted (Ryanair). Florence and Rome airports offer more connections.  
- By train: 2 hours from Florence or Rome  
- By coach: connections available from Florence and Rome  
- By car: a good motorway system makes it easy to travel to Florence, Rome and the north of Italy.