



First Call for Papers

First International Scientific Workshop on ICT for Sustainable homes

November 18th, 2010

Plaza Hotel – Nice, France

Program Committee

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University Tor Vergata of Rome, Italy

Ahmed Masmoudi
University of Sfax, Tunisia

Alain Berton
Catholic University of Leuven

Venue:

The scientific workshop will take place in the wonderful city of Nice (FR). Hotel Plaza will host the scientific workshop

Workshop focus:

Following the success of the previous conference, the ICT for sustainable homes 2010 is divided into two tracks like a R&D forum and a scientific workshop focused basically on renewable energies, ICT for energy management, renewable energies and building automation.

The scientific Workshop on ICT for sustainable homes is intended to be a forum of specialists coming from both universities and industries, involved in the above mentioned areas. They will have the opportunity to share their scientific, technical, business and social experiences with other attendees coming from all over the world, through the presentation and the discussion of their recent works in the conference sessions

Workshop Topics:

- 1) Energy aware electric drives for home appliances
 - a. Electric machines design and optimization
 - b. Power converters design and optimization
 - c. Control algorithms for losses minimization
 - d. Monitoring and diagnostics

- 2) Storage and smart grids for renewable energies usage
 - a. Battery and ultracapacitors
 - b. Fuel cells integration in smart grids
 - c. Renewable energies micro generation systems
 - d. Smart grids management

- 3) ICT for energy efficiency in buildings
 - a. Wireless sensor networks
 - b. Home networking
 - c. Embedded systems for energy efficient buildings
 - d. Low power electronic systems for low data rate communications

Submission:

Prospective authors are invited to submit comprehensive abstract of two three A4 pages each, written in English, including author(s) name, mail and e-mail addresses and the preferred topic. Abstracts should be sent to info@ict-sustainablehomes.org

Important dates: 30/07/2010 submission of abstract

31/08/2010 notification of provisional acceptances

26/09/2010 submission of full papers

15/10/2010 notification of final acceptances