

ANNOUNCEMENT AND CALL FOR PAPERS

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The **1st AIGE/IIETA International Conference and the 10th AIGE 2016 Conference** on "Energy Conversion, Management, Recovery, Saving, Storage and Renewable Systems" will be held in Napoli (Italy) on **June 9 – 10, 2016**.

ABOUT THE CONFERENCE

The **1st AIGE/IIETA International Conference and the 10th AIGE 2016 Conference** on "Energy Conversion, Management, Recovery, Saving, Storage and Renewable Systems" is organized under the auspices of the AIGE and IIETA with the aim of providing technical information to their members and to the scientific and industrial community. The joint Conferences have as their aim to create a binding platform for researchers from universities, research institutions and industries involved in the organization as well as students to network, learn more and share their knowledge. They will pursue the goal of providing a forum for the exposure and the exchange of technical information. The joint Conferences will give the opportunity to discuss the state of the art and to present experimental, analytical and numerical results in Energy Conversion Systems, in the Energy Management with reference to Economic and Thermodynamics, in Energy Recovery Systems, in Energy Saving Techniques, Energy Storage Systems and Renewable Systems with a particular attention to the Environment.

Topics of interest include, but are not limited to:

Analysis and optimization of energy processes - Availability of energy resources - Basic engineering thermal science in energy systems - Biomass and bioenergy, Climate change mitigation Cogeneration and combined heat and power - Computational thermal-fluid dynamics for energy systems - Combustion improvements and combustion of new fuels - Conservation strategies - Economic industrial and domestic use of energy - Economic and policy issues - Electricity supply and demand - Energy analysis - Energy and environmental regulation - Energy conversion and conservation - Energy in buildings and the improvement of indoor air quality - Energy efficiency and quality and efficiency of energy services - Energy modeling and prediction - Energy planning and energy management - Energy savings in transportation - Energy storage - Energy supply security - Environmental, social and economic impacts of energy policies and usage - Geothermal energy systems - Heat exchangers and heat exchanger systems - Heat transfer in energetic and environmental systems - Heat transfer in fission and fusion nuclear facilities - Impact on the environment - Integrated energy systems - Nuclear power plants - Optimal use of energy resources - Overview of the global and regional energy scene - Power plants and equipment - Problems of modeling and forecasting - Refrigeration and air-conditioning including advanced cycles and new refrigerants - Renewable energies - Solar energy including solar thermal and photovoltaic - Sustainable energy systems - Thermofluid dynamics for energy systems - Waste heat recovery - Wind and alternative energy systems

LOCATION

The Conference will be held at Sala Conferenze of Scuola di Medicina e Chirurgia of the Seconda Università degli Studi di Napoli, Via Santa Maria di Costantinopoli, 104, Napoli.

TOURS SUGGESTIONS

Napoli city tour, Napoli "underground", Pompei, Capri, Amalfi, Sorrento, Positano

IMPORTANT DATES

Abstracts submission deadline **20th March, 2016**

Notification of acceptance until **25th March, 2016**

Final papers submission deadline **20th April, 2016**

Early registration deadline: **10th May 2016, Fee 350 € (student fee 220 €), after this data the fee is 400 € (student fee 250 €). Guest fee 100 €. The fee includes Gala dinner, buffet and coffee breaks.**

A paper will not be included in the conference proceedings if the author does not register to the conference before **10th May 2016**.

Registered Authors who present more then one paper have to pay an additional fee of 60 € for each paper.

The accepted paper will be collected in the webpage available for the Conference but only the papers presented at the Conference will be reviewed and accepted in the Proceedings published as Energy Procedia volume (<http://www.journals.elsevier.com/energy-procedia/>).

Authors of high quality papers will be invited to submit them for publication in a special issue of the International Journal of Heat and Technology

ABSTRACT&PAPER SUBMISSION

Abstract and paper should be submitted by uploading the pdf file after the registration in the user area on the conference website: <http://www.aige-ieta.it/>

PAPERS PRESENTATION

Papers will be presented either standing or poster or both. No differences between poster and oral presentation as to the inclusion in the proceedings.

CONFERENCE CHAIRS

Enrico Lorenzini, Università di Bologna, Alma Mater Studiorum, Italy; **Oronzio Manca**, Seconda Università degli Studi di Napoli, Italy

Mark Magennis, International Information and Engineering Technology Association, Canada

INTERNATIONAL SCIENTIFIC COMMITTEE

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ORGANIZING COMMITTEE

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