

SECOND ANNOUNCEMENT AND CALL FOR PAPERS

The 9th AIGE/IIETA International Conference and the 19th AIGE 2024 Conference on "Energy Conversion, Management, Recovery, Saving, Storage and Renewable Systems" will be held in **Caserta (Italy) on June 3 – 5, 2024.**

ABOUT THE CONFERENCE

The **9th AIGE/IIETA International Conference** and the **19th AIGE 2024 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 at large.

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

Università degli Studi della Campania "Luigi Vanvitelli", Caserta

IMPORTANT DATES

Abstracts submission deadline **1st February, 2024**

Notification of acceptance until **20th February, 2024**

Final papers submission deadline **20th April, 2024**

Early registration deadline: **10th May 2024 (fee 420 euro; after this data the fee is 500 euro)**

A paper will not be included in the conference proceedings if the author does not register to the conference before **10th May 2024**.

The accepted paper will be collected in the webpage available for the Conference but only the papers presented, stand up or poster sessions, at the Conference will be reviewed and published in a special issue of the International Journal of Heat and Technology entitled "Energy Conversion, Management, Recovery, Saving, Storage and Renewable Systems", available after the Conference. The papers will be abstracting and indexing in Scopus, Ei Compendex and EBSCO.

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.

Honorary Chair

Enrico Lorenzini (ALMA MATER STUDIORUM - Università di Bologna)

Chairs

Oronzio Manca (Università degli Studi della Campania "Luigi Vanvitelli")

Sergio Nardini (Università degli Studi della Campania "Luigi Vanvitelli")

Fabio Polonara (Università Politecnica delle Marche)

Publicity Chair

Michael Zhang (IIETA)

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