Special Issue

Design Optimization and Performance Analysis of Combined Heat and Power

Message from the Guest Editor

The aims and topics of this *Energies* Special Issue on "Design Optimization and Performance Analysis of Combined Heat and Power" cover all fundamental and practical aspects of combined heat and power, including performance analysis, optimization, working fluids, processes, and applications. More specifically, some of the topics of interest are:

- Performance analysis and optimization of cogeneration systems;
- Combined heat pump and Rankine cycle;
- Biomass fired cogeneration systems using Rankine technology;
- Solar heat conversion using a Rankine cycle to power and heat energy;
- Cogeneration systems in waste heat recovery applications;
- Combined heat and power based on micro-gas turbine, power cycles, and refrigeration cycles.

Guest Editor

Prof. Dr. Man-Hoe Kim

School of Mechanical Engineering, Kyungpook National University, Daegu 41566, Republic of Korea

Deadline for manuscript submissions

closed (20 December 2021)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/66100

Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

mdpi.com/journal/energies

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/journal/energies

About the Journal

Message from the Editor-in-Chief

Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

CiteScore - Q1 (Control and Optimization)