

Special Issue

Advanced Studies of Thermoelectric Systems

Message from the Guest Editor

Thermoelectric systems based on the Seebeck, Peltier, and Thomson effects are gaining interest in a range of applications that includes both power generation and cooling technologies. This Special Issue welcomes research contributions that present innovative aspects concerning materials, modeling, and applications of thermoelectric systems, as well as review articles, focused on the latest trends in the relevant contexts.

Keywords:

- energy efficiency;
- energy harvesting;
- figure of merit;
- heat transfer;
- heat recovery;
- Peltier effect;
- renewable energy applications;
- Seebeck effect;
- thermoelectric cooling;
- thermoelectric devices;
- thermoelectric materials;
- thermoelectric power generation;
- temperature control;
- thermal modeling;
- thermal performance;
- thermal energy.

Guest Editor

Dr. Diana Enescu

1. Department of Electronics, Telecommunications and Energy, Valahia University of Targoviste, 130004 Targoviste, Romania
2. Istituto Nazionale di Ricerca Metrologica—INRIM, 10135 Torino, Italy

Deadline for manuscript submissions

closed (24 October 2023)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.2



mdpi.com/si/92763

Energies

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

[mdpi.com/journal/
energies](https://mdpi.com/journal/energies)





Energies

an Open Access Journal
by MDPI

Impact Factor 3.0
CiteScore 6.2



[mdpi.com/journal/
energies](https://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 Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 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)