Special Issue

Advanced Thermal Simulation of Energy Systems

Message from the Guest Editor

With “energy systems” we are considering all the thermodynamic systems where heat and mass transfer occurs. Such systems implicate a huge number of phenomena and applications, from space to ground. Therefore, in order to make the contents of this Special Issue more homogeneous, we would like to focus to the specific area where recently advanced and innovative numerical and analytical modeling techniques have been successfully implemented. Such methods may have a great impact for the comprehension and virtual reproducibility of physical phenomena, supporting the increase of industrial system performance and thermal efficiency. I am very glad to invite all the colleagues and scientists working in the field of thermo-fluid dynamics and thermal sciences to submit a paper with at last two of the following three main characteristics: (1) inspiring or offering a better explanation of physical processes, (2) with a clear link to a high impact and novel application, and (3) containing an original advancement in terms of numerical modeling or methods.

Guest Editor

Prof. Dr. Marco Marengo

School of Computing, Engineering and Mathematics, University of Brighton, Brighton BN2 4GJ, UK

Deadline for manuscript submissions

closed (30 June 2017)

Energies

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 7.3

mdpi.com/si/6484

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)