

Special Issue

Intelligent Methods and Applications in Electronics

Message from the Guest Editors

Intelligent methods associated with computational intelligence are nowadays used widely in different industrial environments. Despite the advantages intelligent methods offer over the statistical methods used traditionally, they still have not been utilised by the electronics industry on a large scale. This Special Issue therefore aims to provide a comprehensive overview of the current state of the art, analytical models, case studies, software and hardware solutions, data analytics through design methodologies and technical solutions or practical applications. The topics of interest include, but are not limited to: Intelligent design of microelectronic and optoelectronic devices; Intelligent quality assurance of electronic devices; Intelligent software-defined networks; Intelligent network performance analysis; Intelligent network routing and capacity planning; Intelligent fulfilment of QoS requirements; Intelligent smart IoT applications; Intelligent cloud, edge and fog infrastructure; Intelligent electronics for quantum computing; Intelligent electronics for scientific experiments; Intelligent pattern recognition in audio and video.

Guest Editors

Dr. Marian Rusek

Dr. Michał Szymański

Dr. Dariusz Strzemiński

Deadline for manuscript submissions

closed (23 November 2022)



Energies

an Open Access Journal
by MDPI

Impact Factor 3.2
CiteScore 7.3



mdpi.com/si/98888

Energies
Editorial Office
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 3.2
CiteScore 7.3



[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 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)