



Green Artificial Intelligence: Theory and Applications

Guest Editors:

Dr. Alexander Gegov

Dr. Femi Isiaq

Dr. Raheleh Jafari

Dr. Kalin Penev

Deadline for manuscript
submissions:

15 October 2024

Message from the Guest Editors

Dear Colleagues,

The environmental impact of artificial intelligence (AI) has been a hot topic as of late. This Special Issue aims to publish original research of the highest scientific quality on the theory and application of green AI. The scope includes theoretical and experimental studies that contribute to novel developments in fundamental research and its applications.

Potential topics for submissions include, but are not limited to, the following:

- Green sustainable technologies;
- Fuzzy systems for modelling and simulation;
- Control and optimization;
- Information processing;
- Theories and applications;
- Artificial intelligence;
- Machine learning;
- Machine reasoning;
- Complex systems;
- Smart power management and green technology;
- Optimization in machine learning and applications;
- Responsible and ethical AI;
- Green energy efficient software

We look forward to receiving your contributions.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [CAPlus / SciFinder](#), [Inspec](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us

Electronics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](#)