



Future Trends of Artificial Intelligence (AI) and Big Data

Guest Editors:

Dr. Sotiris Diplaris

Dr. Stefanos Vrochidis

**Dr. Ioannis Yiannis
Kompatsiaris**

Dr. Giuseppe Amato

Deadline for manuscript
submissions:

20 November 2024

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to investigate the future trends of AI and big data, as well as their influence on various domains. Topics of interest include, but are not limited to, the following:

- Emerging trends in AI and big data research;
- Applications of AI and big data in Industry 4.0;
- The ethics of AI and big data;
- Human–AI interaction and collaboration;
- Explainable AI and interpretability;
- Natural language processing and generation;
- Machine learning algorithms and techniques;
- Computer vision and image analysis;
- Big data analytics and visualization;
- Cloud computing and distributed systems for big data;
- Edge computing and AI at the edge;
- Social media analysis and sentiment analysis;
- Recommender systems and personalized recommendations;
- Deep learning and neural networks;
- Generative models and adversarial learning;
- AI and big data in education and e-learning;
- AR/VR and extended reality;
- AI and art/culture.





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, Ei Compendex and other databases.

Journal Rank: JCR - Q2 (*Physics, Applied*) / CiteScore - Q2 (*Control and Systems Engineering*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://x.com/electronicsMDPI)