

## Special Issue

# Future Trends of Artificial Intelligence (AI) and Big Data

### Message from the Guest Editors

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.

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### Guest Editors

Dr. Sotiris Diplaris

Dr. Stefanos Vrochidis

Dr. Ioannis Yiannis Kompatsiaris

Dr. Giuseppe Amato

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### Deadline for manuscript submissions

closed (15 July 2025)



## Electronics

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## About the Journal

### 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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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