Special Issue

Applied Deep Learning and Multimedia Electronics

Message from the Guest Editors

We are open to papers addressing a broad range of topics, from foundational topics regarding theoretical issues of multimedia processing to novel algorithms improving deep learning problems, advanced and technological systems for interesting applications, and innovative approaches in edge computing. Topics of interest for this Special Issue include but are not limited to the following:

- Machine learning and deep learning for multimedia processing;
- Deep network algorithms and architectures for multi-modal data;
- Deep learning algorithms for clustering and classification;
- Deep learning algorithms for segmentation and data annotation;
- Multimedia content analysis and recommendation;
- Embedded multimedia applications for edge computing;
- Deep learning-based cross-disciplinary applications such as agriculture, education, healthcare, smart factory, etc.;
- Novel applications in robotic vision, AIoT, intelligent consumer electronics, etc.;
- System and software architecture of AI-based systems.

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Deadline for manuscript submissions

closed (30 June 2023)

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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.

Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).