Special Issue

Artificial Intelligence in Graphics and Images

Message from the Guest Editors

This Special Issue aims to gather the latest research in AI advancements for graphics and images, including generative AI for image generation, the application of AI to traditional graphics studies, and compound AI systems for solving complex graphics scenarios in practice. Potential topics include, but are not limited to, the following:

- Deep learning on graphs (graph convolutions, graph attention networks, graph autoencoders, and graph spatial–temporal networks);
- Graph datasets and benchmarks;
- Compound AI systems for graphics;
- Computational imaging;
- Geometric modeling and analysis;
- Graphics applications and systems;
- Image generation;
- Learning-based vision;
- Medical and biological vision, cell microscopy;
- Multimodal learning;
- Optimization methods;
- Physics-based vision;
- Robustness, explainability, and fairness;
- Video generation;
- Vision + graphics;
- Visual learning and recognition.

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Deadline for manuscript submissions

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Electronics

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 guest-edited by leading experts in selected topics of interest.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).