Special Issue

Machine Learning and Deep Learning in Image Analysis for Biological Systems

Message from the Guest Editors

Computer vision and machine learning techniques have been endorsed as the latest cross-cutting technologies of the 21st century. The combined applications of these technologies have set a new benchmark for the understanding of biological systems. This Special Issue focuses on the effects of combining machine learning and computer vision, innovative techniques, and application-oriented concepts for biological systems. For this Special Issue, original research articles and reviews are welcome. Potential topics for discussion may include (but are not limited to) the following:

- Computer vision;
- Machine learning;
- Deep learning;
- Image analysis;
- Video processing;
- Biomedical;
- Precision agriculture;
- Healthcare.

We look forward to your contributions.

Guest Editors

Dr. Anil Bhujel
Department of Biosystems Engineering, Gyeongsang National University, Jinju 52828, Republic of Kore

Dr. Khem Poudel
Department of Computer Science, Middle Tennessee State University, Murfreesboro, TN 37132, USA

Deadline for manuscript submissions

closed (15 July 2025)

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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

Prof. Dr. Flavio Canavero
Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

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