Special Issue

AI/Machine Learning in Computer Vision/Image Processing and Natural Language Processing

Message from the Guest Editors

This Special Issue aims to cover all aspects of AI and ML and is not limited to the following topics:

- Image captioning, object detection and recognition, and scene understanding;
- Text summarization, machine translation, and sentiment analysis;
- Large language/vision models and foundation models in the context of CV/NLP;
- Causal and/or explainable artificial intelligence in the context of CV/NLP;
- Edge detection and image or video denoising and deblurring;
- Generative modelling and its applications in the context of CV/NLP;
- Reinforcement learning and its applications in the context of CV/NLP;
- Computer vision-based remote health monitoring, such as remote photoplethysmography or vital signs monitoring;
- AI and machine learning methods for biomedical imaging;
- NLP in healthcare.

Guest Editors

Dr. Ankit Gupta

Dr. Morgado Dias

Dr. Antonio G. Ravelo-Garcia

Dr. Martin Černý

Deadline for manuscript submissions

closed (15 May 2025)

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.

Editor-in-Chief

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