Special Issue

Image Processing and Computer Vision Applications

Message from the Guest Editors

This Special Issue aims to highlight innovative research and comprehensive reviews on the latest innovations in image processing and computer vision applications, including their integration with AR/VR technologies. The scope of this Special Issue includes, but is not limited to, the following topics:

- Medical imaging and diagnostics.
- Autonomous vehicles and traffic monitoring.
- Augmented and virtual reality applications.
- Object detection, tracking, and scene understanding.
- Surveillance and security systems.
- Generative models and image synthesis.
- AI-driven image segmentation and classification.
- Integration of vision systems with robotics.
- Efficient algorithms for real-time image processing.
- Vision systems for accessibility.
- Multilingual and inclusive image captioning and description systems.
- Applications in art, cultural heritage preservation, and virtual museums.

Guest Editors

Dr. Enrique Yeguas-Bolivar

Dr. Andrea Zingoni

Dr. Juri Taborri

Deadline for manuscript submissions

closed (20 July 2025)

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About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

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