



Latest Research on Computer Vision and Image Processing

Guest Editors:

Dr. Manuel Jesús Rodríguez Valido

Department of Industrial Engineering, Universidad de La Laguna, 38203 San Cristóbal de La Laguna, Spain

Dr. Fernando Perez Nava

Department of Computer Engineering and Systems, Universidad de La Laguna, 38203 San Cristóbal de La Laguna, Spain

Prof. Dr. Gustavo Sutter Capristo

Departamento de Tecnología Electrónica y de las Comunicaciones, Universidad Autónoma de Madrid, 28049 Madrid, Spain

Deadline for manuscript submissions:

31 October 2024

Message from the Guest Editors

Dear Colleagues,

Computer vision is an artificial intelligence discipline focused on instructing computers to comprehend and interpret visual data from the surrounding environment. By harnessing digital images captured by cameras and videos, in conjunction with deep learning algorithms, computers can proficiently discern and categorize objects, subsequently enabling them to respond to visual stimuli effectively.

Currently, this discipline is supported by the concepts of image processing, feature detection and matching by pattern recognition and driven by artificial intelligence technologies such as machine learning and deep learning, neural networks, image recognition and classification and object detection.

Research topics and application fields of interest for this Special Issue include, but are not limited to, the following:

- Augmented reality
- Vision models
- Advanced satellite vision
- 3D computer vision
- Edge computing
- Computer vision in healthcare
- Real-time computer vision





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Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

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Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
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