

Special Issue

New Trends on Pattern Recognition and Computer Vision, Applications and Systems

Message from the Guest Editors

The New Trends on Pattern Recognition and Computer Vision , Applications and Systems special issue aims to collect the latest approaches and findings, as well as to discuss the current challenges of Pattern recognition solutions for a broad range of applications. We expect this special issue addresses the research issues in the closely related areas of Pattern Recognition, such as Machine Learning, Data Mining, Computer Vision and Image Processing. We welcome high-quality submissions with important new theories, methods, applications, and systems in emerging topics of pattern recognition and computer vision . The topics of interest include, but are not limited to:

- Interpretable Machine Learning for Computer Vision;
- Automated Deep Learning,;
- Zero-shot learning applied to real-world problems;
- Neural Rendering;
- Autonomous Driving;
- Real-time Pattern Recognition applications;

Guest Editors

Prof. Dr. Hugo Pedro Proença

Department of Computer Science, University of Beira Interior, 6201-001 Covilhã, Portugal

Prof. Dr. João C. Neves

Department of Computer Science, University of Beira Interior, 6201-001 Covilhã, Portugal

Deadline for manuscript submissions

closed (28 November 2021)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



mdpi.com/si/63561

Applied Sciences
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
appls@mdpi.com

[mdpi.com/journal/
appls](https://mdpi.com/journal/appls)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.3



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



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

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)