

## Special Issue

# Applied Computer Vision and Deep Learning

### Message from the Guest Editors

This Special Issue is dedicated to cutting-edge applications emerging from the fusion of Computer Vision (CV) and Deep Learning (DL). We particularly encourage submissions that demonstrate a powerful synergy between CV and DL to solve complex, real-world problems. The core goal of this issue is to showcase innovations in intelligent perception systems that enable machines to robustly understand and interact with their environments. We welcome high-quality original research papers on topics including, but not limited to, localization, reconstruction, depth estimation, semantic segmentation, object detection, tracking, recognition, and other vision tasks. Application areas of interest include autonomous driving, robotics, augmented reality, biometrics, and smart manufacturing. We especially value contributions that validate advanced algorithms with real-world data and demonstrate tangible performance gains. This issue aims to provide a platform on which researchers and engineers may exchange forward-thinking, data-driven solutions for building the next generation of autonomous systems.

---

### Guest Editors

Dr. Shangshu Yu  
Prof. Dr. Peter Peer  
Dr. Tsung-Jung Liu

---

### Deadline for manuscript submissions

31 July 2026



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/262906](https://mdpi.com/si/262906)

*Applied Sciences*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[applsci@mdpi.com](mailto:applsci@mdpi.com)

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





# Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[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, Embase, CAPIus / SciFinder, and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering )