

## Special Issue

# Real-World Applications and Techniques of Computer Vision in Behavioral Signal Sensing

### Message from the Guest Editors

We are delighted to announce and invite you to submit your papers for the Special Issue “Real-World Applications and Techniques of Computer Vision in Behavioral Signal Sensing”. More details: [https://www.mdpi.com/journal/applsci/special\\_issues/vision\\_behavioral](https://www.mdpi.com/journal/applsci/special_issues/vision_behavioral) Topics of interest for this Special Issue include but are not limited to:

- Action/activity recognition and detection;
- Cognitive models for interpretation;
- Deep learning for visual understanding;
- Supervised, semi-supervised, and unsupervised learning methods to analyze human behavior;
- Face and gesture recognition;
- Analysis of human behavior to understand physiological/cognitive disorders;

Analysis of interactive behavior, from human-human, human-object, and human-computer to human-robot interactions;

- Multimodal behavior understanding, using different sensory input, e.g., audio, wearables;
- Video surveillance and event detection;
- Analysis of social impact of human behavior;
- Datasets and applications in healthcare, education, etc

---

### Guest Editors

Dr. Negin Farhood

INRIA, Sophia Antipolis, 2004 route des Lucioles, BP 93, 06902 Sophia Antipolis, France

Prof. Dr. Byung-Gyu Kim

Department of IT Engineering, Sookmyung Women's University, Seoul 04310, Republic of Korea

---

### Deadline for manuscript submissions

closed (20 September 2022)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/117351](https://www.mdpi.com/si/117351)

*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://www.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, CAPlus / SciFinder, and other databases.

#### Journal Rank:

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