

## Special Issue

# Recent Advances in Human-AI Interaction

### Message from the Guest Editors

The purpose of this Special Issue is to present and discuss novel ideas, research, applications, and results regarding human-AI interaction (HAI). It aims to bring together researchers from various fields to share their recent findings and developments in HAI, with a focus on technical aspects, and to explore future research directions. The topics of interest include, but are not limited to:

- Hardware technologies for human-AI interaction
- Multi-modal (e.g., vision, speech, physiological signals) sensing for human-AI interaction
- Signal processing for human-AI interaction
- Feature extraction and representation for human-AI interaction
- Machine learning methodologies for human-AI interaction
- Deep learning methodologies for human-AI interaction
- Datasets and tools for human-AI interaction
- System architecture for human-AI interaction
- UI/UX for human-AI interaction
- Evaluation metrics for human-AI interaction
- Implementation of human-AI interaction
- Applications of human-AI interaction

---

### Guest Editors

Prof. Jin-Woo Jeong

Prof. Dr. Sang-Ho Kim

Prof. Dr. Wan-Su Lim

Dr. Han-Jeong Hwang

---

### Deadline for manuscript submissions

closed (31 March 2021)



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/54455](https://mdpi.com/si/54455)

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

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

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





# 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 )