

## Special Issue

# Advanced Wearable Computing Techniques and Applications

### Message from the Guest Editors

The enhanced sense of user and environment status of wearable computing systems has changed from simple data collection and moved to the understanding of current status and prediction of future evolution and development. The intelligent enhancement for complex application environments has been transformed from task planning and node prompt to multi-sensor integrated intelligent service and active perception of user needs. Physical enhancement of human exercise and health has shifted from data monitoring to proactive warning and intervention. With the seamless connection of "AI+AR" technology and wearable technology, many frontier fields such as wearable computing and digital economy, intelligent medical treatment, intelligent fabric and clothing, metaverse and digital twinning are deeply intersected and integrated, and a lot of new technologies and applications to enhance human sense, intelligence and physical strength have been born.

---

### Guest Editors

Prof. Dr. Zhan Zhang

Dr. Jie Zhang

Prof. Dr. Yunlong Zhao

Prof. Dr. Wendong Xiao

---

### Deadline for manuscript submissions

20 October 2025



## Applied Sciences

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.5  
CiteScore 5.5



[mdpi.com/si/178534](https://mdpi.com/si/178534)

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





# 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 )