



Advanced Wearable Computing Techniques and Applications

Guest Editors:

Prof. Dr. Zhan Zhang

Dr. Jie Zhang

Prof. Dr. Yunlong Zhao

Prof. Dr. Wendong Xiao

Deadline for manuscript
submissions:

20 February 2025

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

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.

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), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)