Special Issue

Application of Machine Learning and Artificial Intelligence in Human-Computer Interaction

Message from the Guest Editor

In the evolving technological landscape, the integration of machine learning (ML) in human-computer interactions (HCIs) stands as a cornerstone in enhancing user experience and interaction efficiency. This Special Issue explores innovative research and practical applications that bridge ML and HCI, illuminating how these technologies shape and transform user interfaces and experiences and interaction models. Keywords

- human–computer interaction
- machine learning
- human–swarm interaction
- human-centered computing

Guest Editor

Dr. Pingping Zhu

Department of Computer Science and Electrical Engineering, Marshall University, Huntington, WV, USA

Deadline for manuscript submissions

30 April 2026

Applied Sciences

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)

MDPI