



Human-Centered Artificial Intelligence

Guest Editor:

Dr. Marcelo Mendoza

Department of Computer
Science, Pontificia Universidad
Católica de Chile, Santiago
8320000, Chile

Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editor

Dear Colleagues,

Human-centered artificial intelligence (HCAI) is an emerging discipline that places people at the center of efforts to develop AI-based systems. Its broad scope encompasses the design of new learning algorithms through to evaluating existing systems, with particular attention to the human factors involved in their development. This line of research promotes the development of algorithms, methods, metrics, and new methodologies for designing AI systems which prevent the reproduction of disparities that affect people, mitigating bias and discriminatory treatment.

This Special Issue is devoted to HCAI methods. Our aim is to disseminate the most recent advances in this discipline, promoting new methodologies to approach the human-centered design and evaluation of AI systems. The collection will include topics on new algorithms and models capable of mitigating harmful bias, model evaluation and validation methodologies, fairness evaluation metrics and systems, human-centered AI and human-computer interaction (HCI), ethics and AI, algorithmic transparency, explainability, and model interpretability.





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

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)