Special Issue

Security and Privacy in AI: Human Interaction, Awareness and Protection

Message from the Guest Editors

With the rapid rise of AI in sectors like healthcare, finance, education, and governance, ensuring the security and privacy of these systems is more important than ever, especially in areas involving human interaction. This Special Issue focuses on human-centric approaches to AI security, aiming to enhance user trust and protect personal data. We welcome original research and review articles on both technical solutions and awareness-based strategies. Topics include:

- Adversarial threat defense in Al systems
- Privacy-aware machine learning and data handling
- Human-in-the-loop security approaches
- Al privacy education and awareness
- Explainable and interpretable AI (XAI)
- Trust frameworks for human-Al collaboration
- Real-world case studies

Help us shape a secure and trustworthy Al future. Submit your work today!

Guest Editors

Dr. Xuechao Yang

Dr. Chenhao Xu

Dr. Jack Li

Prof. Dr. Xun Yi

Deadline for manuscript submissions

20 May 2026



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/242036

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applisci@mdpi.com

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



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)

