Special Issue

Internet of Things, Artificial Intelligence, and Blockchain Infrastructure: Applications, Security, and Perspectives

Message from the Guest Editor

Modern societies are currently experiencing an increasing adoption of interconnected wireless devices, a revolutionary technological paradigm named the Internet of Things (IoT). This represents an ever-growing scenario that offers enormous opportunities in multiple areas of our societies, especially if we combine the IoT with another emerging technology named blockchain, since it allows us to public certify any data transactions without the need to use central authorities or intermediaries. This Special Issue aims to bring together scientists from different areas, with the goal to both present their recent research findings and exchange ideas related to the exploitation of the opportunities of these technologies, also when their exploitation involves other powerful technologies, such as those based on Artificial Intelligence (AI). Potential topics include but are not limited to:

- Internet of Things security;
- Wireless data exchange models;
- Wireless multimedia sensor networks;
- Localization of people and things;
- User clustering and profiling;
- Artificial Intelligence;
- Blockchain;
- Machine learning;
- Deep neural networks;
- Big data.

Guest Editor

Dr. Roberto Saia

Department of Mathematics and Computer Science, University of Cagliari, Via Ospedale 72, 09124 Cagliari, Italy

Deadline for manuscript submissions

closed (31 March 2025)

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