Special Issue

Intelligent IoT Networks and Wireless Communication

Message from the Guest Editors

In this Special Issue, we seek to explore and address the myriad challenges and innovations in the field of intelligent IoT networks and wireless communication. We invite researchers, academicians, and industry experts to submit original research papers, reviews, and case studies that delve into the latest developments, theoretical frameworks, practical implementations, and future trends in this dynamic area. To foster a comprehensive understanding and further innovation in intelligent IoT networks and wireless communication, this Special Issue will cover, but is not limited to, the following topics:

- Advanced Wireless Communication Protocols;
- IoT Network Architectures;
- Edge Computing and Fog Computing;
- Artificial Intelligence and Machine Learning in IoT;
- Security and Privacy;
- Energy Efficiency;
- Interoperability and Standardization;
- Data Management and Analytics;
- Applications and Case Studies.

Guest Editors

Prof. Dr. Hosung Park

Dr. Taehun Yang

Prof. Dr. Soochang Park

Deadline for manuscript submissions

30 September 2025



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/208464

Applied Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 applsci@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)

