



Artificial Intelligence Empowered Internet of Things

Guest Editors:

Prof. Dr. Xiangjie Kong

College of Computer Science and
Technology, Zhejiang University
of Technology, Hangzhou
310023, China

Dr. Giovanni Pau

Faculty of Engineering and
Architecture, Kore University of
Enna, 94100 Enna, Italy

Deadline for manuscript
submissions:

15 August 2024

Message from the Guest Editors

Dear Colleagues,

This Special Issue aims to introduce the latest breakthroughs in theoretical research, technological innovation and practical application of the combination of AI techniques and IoT, as well as the prospects for its future development. The topics of interest include, but are not limited to, the following:

- Sensor data anomaly detection;
- Data collection and storage;
- Missing data imputation;
- AI and IoT big-data-analytics-based sensing techniques;
- AI and IoT big-data-analytics-based communication techniques;
- Resource management and task scheduling of computing power networks;
- Data security and privacy protection;
- Intelligent data analysis;
- Interpretability for IoT big data analytics;
- New development and combination with other advanced techniques, e.g., cloud computing, digital twins, etc.;
- Relevant industry standards and platforms;
- AI-empowered smart cities.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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), CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us

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

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

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://twitter.com/electronicsMDPI)