

## Special Issue

# Applications of Artificial Intelligence in Future Wireless Communication Systems

### Message from the Guest Editors

This Special Issue encourages the submission of high-quality, innovative, and original contributions to future wireless communication systems, focusing particularly on the use of AI, deep learning, machine learning, and big data in wireless communications.

The list of possible topics includes but is not limited to the following:

Artificial intelligence for the convergence of communications, storage, and computing resources;  
Distributed artificial intelligence and federated learning in wireless networks;  
Internet of Things (IoT) and Industrial IoT applications in wireless communications;  
Low latency in wireless networked control systems;  
Cloud and fog computing-based radio access networks;  
Wireless networks with multidimensional radio access;  
Optimization of communication;  
Novel design of deep-learning, machine-learning, pattern recognition and convolutional neural network (CNN) approaches for wireless system applications;  
AI and wireless communication in healthcare;  
Healthcare and AI  
...

### Guest Editors

Dr. Inam Ullah  
Dr. Ateeq Ur Rehman  
Dr. Imran

### Deadline for manuscript submissions

closed (15 June 2024)



## Electronics

an Open Access Journal  
by MDPI

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/si/163547](https://mdpi.com/si/163547)

*Electronics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[electronics@mdpi.com](mailto:electronics@mdpi.com)

[mdpi.com/journal/  
electronics](https://mdpi.com/journal/electronics)





# Electronics

---

an Open Access Journal  
by MDPI

---

Impact Factor 2.6  
CiteScore 6.1



[mdpi.com/journal/  
electronics](https://mdpi.com/journal/electronics)



## About the Journal

### 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 guestedited by leading experts in selected topics of interest.

---

### Editor-in-Chief

Prof. Dr. Flavio Canavero

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

---

### Author Benefits

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPus /  
SciFinder, Inspec, Ei Compendex and other databases.

#### Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /  
CiteScore - Q1 (Electrical and Electronic Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 16.8 days after  
submission; acceptance to publication is undertaken in 2.4  
days (median values for papers published in this journal in  
the first half of 2025).