Special Issue

Artificial Intelligence (AI) and the Future of Communication

Message from the Guest Editors

This Special Issue aims to report on applications in the wireless communication, signal processing, and IoT domains that benefit from AI technologies including machine learning, reinforcement learning and deep learning. In this context, we are looking for contributions covering one or more of the following topics:

- AI applications in 5G systems and beyond;
- AI-enabled smart technologies for human-centred IoT systems;
- MIMO systems;
- 5G IoT and edge computing convergence—systems, services, and security;
- Ubiquitous and cognitive AI in IoT;
- AI for vehicular communication;
- Deep learning-driven distributed communication systems;
- Blockchain-enabled communication systems;
- Softwarized UAV network management for next-generation internet-based communities;
- Antenna array design for sensing and communications;
- AI-based collaborative computing for smart communications and networking systems;
- Edge and 6G-driven ubiquitous wireless communications;
- Deep learning in mining mobile intelligence for wireless systems;
- Integrating network softwarization techniques into 6G communication systems and applications.

Guest Editors

Dr. Muddasar Naeem

Dr. Zaib Ullah

Dr. Syed Tahir Hussain Rizvi

Deadline for manuscript submissions

closed (20 June 2024)

Electronics

Electronics

an Open Access Journal by MDPI

Impact Factor 2.6
CiteScore 6.1

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 guest-edited 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), CAPlus / 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).