

Special Issue

Advances in Distributed Intelligence and Multi-Agent Systems

Message from the Guest Editors

Distributed intelligence and multi-agent systems have emerged as fundamental paradigms in artificial intelligence, enabling autonomous decision-making, efficient coordination, and collaborative problem-solving in dynamic and complex environments. The proliferation of interconnected intelligent agents has transformed various domains, including robotics, smart cities, autonomous transportation, industrial automation, and edge computing. As these systems continue to evolve, challenges related to scalability, robustness, security, and real-time adaptation remain critical areas of research. Addressing these challenges is essential for the development of intelligent, autonomous, and cooperative systems capable of performing tasks efficiently in decentralized settings. This Special Issue aims to explore recent advancements in distributed intelligence and multi-agent systems, emphasizing theoretical foundations, algorithmic developments, and practical applications. By bridging interdisciplinary perspectives, we seek to highlight novel methodologies that enhance coordination, decision-making, and learning in multi-agent settings.

Guest Editors

Dr. Meng Li

Dr. Shunchao Wang

Dr. Haoxuan Dong

Deadline for manuscript submissions

25 January 2026



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/231277

Electronics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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 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).