

Special Issue

Emerging Artificial Intelligence Applications in Swarm Intelligence and Evolutionary Computation

Message from the Guest Editors

Artificial intelligence (AI) is transforming a wide range of domains through intelligent automation, adaptive systems, and data-driven solutions. In particular, fields such as evolutionary computation, swarm intelligence, and deep learning are opening new frontiers in the design, optimization, and deployment of complex systems. We welcome contributions that explore new theoretical models, hybrid AI frameworks, software/hardware implementations, and real-world applications where AI techniques improve the performance, efficiency, or intelligence of various systems (e.g., renewable energy, microelectronics, precision agriculture, and drug discovery, among others). Particularly encouraged are submissions that demonstrate practical impacts in areas such as computer vision, large language models, explainable AI, embedded systems, smart sensors, edge AI, autonomous robotics, swarm robotics, Internet of Things (IoT), Internet of Drones (IoD), and Internet of Robotic Things (IoRT). We look forward to your valuable contributions to this Special Issue.

Guest Editors

Prof. Dr. Rodrigo Clemente Thom de Souza

Prof. Dr. Viviana Cocco Mariani

Prof. Dr. Linnyer Beatrys Ruiz Aylon

Dr. Nadia Nedjah

Deadline for manuscript submissions

15 March 2026



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/247701

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), 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).