

Special Issue

Decentralized AI Agents

Message from the Guest Editors

The convergence of artificial intelligence and blockchain is giving rise to a new class of autonomous software entities, known as decentralized AI (DeAI) agents. DeAI agents can perceive, reason, transact, and coordinate without centralized intermediaries. Unlike traditional AI systems that depend on centralized cloud infrastructure for inference, data access, and decision-making, DeAI agents leverage distributed ledger technologies, smart contracts, and cryptographic protocols to operate as independent economic and computational actors within open, trustless environments.

This Special Issue invites original research contributions that advance the design, analysis, deployment, and governance of decentralized AI agents. We seek work that bridges the gap between agentic AI capabilities and decentralized infrastructure, with a focus on novel architectures, trust mechanisms, and real-world service paradigms.

Guest Editors

Dr. Igboanusi Ikechi Saviour

ICT Convergence Research Center, Kumoh National Institute of Technology, Gumi 39177, Republic of Korea

Dr. Simeon Okechukwu Ajakwe

Smart Computing Department, Kyungdong University Global Campus, 46 Bongpo 4-gil, Toseong-myeon, Goseong-gun, Gangwon-do 24764, Republic of Korea

Deadline for manuscript submissions

15 December 2026



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/273976

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 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), 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 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).