

Special Issue

Recent Advances on Circuits and Systems for Artificial Intelligence

Message from the Guest Editors

Artificial Intelligence (AI) is facing challenges in the design and applications of circuits and systems to introduce and to enhance multidisciplinary applications in the real world. From the introduction of new electronic devices designed with integrated circuit technology to the development of systems for applications in the Internet of Things (IoT) and AI, researchers focus their efforts on improving data analyses to make decisions without a human interview. In this manner, this Special Issue collects recent advances on devices, circuits, and systems to improve applications in the areas of AI and AI of things (AIoT). This new technological revolution not only on circuits and systems but also on industrial applications to AIoT will establish directions to identify emerging lines for future research. This Special Issue is devoted to summarizing the recent developments and evolution of AI and AIoT while emphasizing the design and application of circuits and systems technologies.

Guest Editors

Prof. Dr. Esteban Tlelo-Cuautle

Department of Electronics, Instituto Nacional de Astrofísica, Óptica y Electrónica (INAOE), Tonantzinla, Puebla 72840, Mexico

Dr. Walter Daniel Leon-Salas

School of Engineering Technology, Purdue University, 401 North Grant Street, West Lafayette, IN, USA

Deadline for manuscript submissions

closed (31 December 2021)



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.3



mdpi.com/si/56763

Electronics
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 5.3



[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 (Physics, Applied) / CiteScore - Q2 (Control and Systems 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 2.6 days (median values for papers published in this journal in the first half of 2024).