



Recent Advances on Circuits and Systems for Artificial Intelligence

Guest Editors:

Prof. Dr. Esteban Tlelo-Cuautle

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

Dr. Walter Leon-Salas

School of Engineering
Technology, Purdue University,
West Lafayette, IN 47907, USA

Deadline for manuscript
submissions:

closed (31 December 2021)

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.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and
Telecommunications,
Politecnico di Torino, 10129
Torino, Italy

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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*)

Contact Us

Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](https://x.com/electronicsMDPI)