



Flexible and Wearable Electronics: Design and Applications

Guest Editor:

Dr. Bashir Morshed

Department of Computer
Science, Texas Tech University,
Lubbock, TX 79409, USA

Deadline for manuscript
submissions:

31 May 2024

Message from the Guest Editor

Flexible and wearable electronics, along with edge-computing AI, can revolutionize many sectors in the future. These systems need to be resilient and autonomous, while reliable and benevolent in unsupervised settings. Newer technologies to produce miniature, low-cost, flexible, and reliable sensors and wearables have paved the hardware revolution for these technologies. Furthermore, the continuously collected big data need to be processed in real time for actionable decision making with a high degree of accuracy and reliability using artificial intelligence (AI). Resolving these issues requires innovation in both hardware and software domains with an integrated hardware–software co-design paradigm with resource-constrained settings.

The purpose of this Special Issue is to address the ongoing research activities in these fields of flexible electronics and wearable and IoT, along with edge-computing AI, for a variety of applications including healthcare, mobile health, smart health, remote monitoring, smart living, robotics, prosthetics, assistive technologies, agriculture and environment monitoring, and human–computer interactions.





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 \(Web of Science\)](#), [CAPus / SciFinder](#), [Inspec](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Electrical and Electronic Engineering*) CiteScore - Q2 (*Electrical and Electronic Engineering*)

Contact Us

Electronics Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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

mdpi.com/journal/electronics
electronics@mdpi.com
[X@electronicsMDPI](#)