Special Issue

Challenges in Flexible/Wearable Electronics and Devices

Message from the Guest Editors

The Special Issue focuses on the rapidly evolving field of flexible and wearable electronics, aiming to explore the latest innovations and address critical challenges. This issue provides a platform for researchers, engineers, and scientists to showcase their contributions to the development of flexible and wearable devices. It encompasses a wide range of topics, including novel materials, fabrication techniques, energy sources, data processing, and integration with healthcare, fitness, and other applications. The scope includes research on flexible and stretchable materials. flexible sensors, soft robotics, wireless communication, data analysis, and the overall design and implementation of wearable devices. We invite researchers to share their insights and innovations to drive this exciting field forward and shape the future of wearable technology. Keywords

- flexible sensors
- flexible actuators
- soft robots
- flexible electronics
- wearable technology
- e-skin
- biomedical applications
- manufacturing technologies

Guest Editors

Prof. Dr. Yuxin Peng College of Education, Zhejiang University, Hangzhou 310058, China

Dr. Yangkun Zhang

School of Mechanical Engineering and Automation, Harbin Institute of Technology (Shenzhen), Shenzhen 518055, China

Deadline for manuscript submissions

closed (15 July 2024)



an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/189501

Electronics Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 electronics@mdpi.com

mdpi.com/journal/

electronics





an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



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 16.8 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).