

Special Issue

Design and Implementation of Embedded Systems for Real-Time Applications

Message from the Guest Editors

Today, embedded systems play vital roles in a large number of commercial, industrial and scientific applications. However, the development of embedded systems is quite challenging. Recently, an emerging trend has been to fit even Artificial Intelligence into small embedded systems for edge computing applications.

We invite you to submit novel contributions that address critical aspects and optimize the utilization of real-time embedded systems. Research areas may include (but are not limited to) the following:

- AI methods implemented on embedded systems;
- Advanced control methods such as adaptive, fuzzy, predictive, robust, etc.;
- Acceleration of image processing algorithms using custom hardware;
- Wearables for sports and fitness, healthcare and medical, entertainment, personal security, etc.;
- Embedded systems in robotics applications such as autonomous navigation, vision systems, manipulation, sensing, human-robot interaction, etc.

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Deadline for manuscript submissions

15 November 2025



Electronics

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Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/237285

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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.

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