

Special Issue

State-of-the-Art Electronics in Japan

Message from the Guest Editors

Electronics is at the heart of recent technological developments. From computer processors to large-scale power plants, almost all sensing and control is carried out with electronics. With the growing interest in IoT and Smart Devices, the electronics research field is more relevant than ever. As it is a leader in cutting-edge technology, Japan has always been at the forefront of research and innovation. This is especially true for the fields of consumer and industrial electronics as well as VLSI. In order to create a platform for researchers active in Japan to showcase their findings, this regional Special Issue solicits papers on state-of-the-art electronics technologies. It is intended to create a research eco-system for researchers to connect, network and collaborate.

- solid-state electronics
- electronics materials
- power electronics and dedicated energy system design
- system design
- advanced simulation, modeling and testing techniques
- on-chip power management
- quantum electronics and computing
- microelectronics
- industrial and consumer electronics
- system engineering
- circuit design and signal processing

Guest Editors

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closed (31 July 2023)



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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 guestedited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.4 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the second half of 2025).