

Special Issue

Radiation Effects on Advanced Electronic Devices and Circuits

Message from the Guest Editors

We are pleased to announce a Special Issue on “Radiation Effects on Advanced Electronic Devices and Circuits”, inviting researchers and experts in the field to present their novel and recent achievements in topics of interest that may include, but are not limited to, the following:

- Effects of radiation on materials and semiconductor devices.
- Effects of radiation on the circuit and system level, like SRAM.
- Radiation hardness technology to improve the reliability of electronic components under harsh radiation environments.
- Novel characterization methods, like advanced AI algorithms, to explore the radiation degradation of semiconductor materials and electronic components/systems.

We eagerly anticipate your valuable contributions and hope that this Special Issue will inspire collaboration and knowledge sharing among researchers and readers.

Guest Editors

Dr. Xun Li

Dr. Yuhang Sun

Dr. Hua Chen

Dr. Hao Qiu

Deadline for manuscript submissions

closed (15 January 2026)



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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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Rapid Publication:

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).