



Superconducting Electronics Technology

Guest Editor:

Dr. Soumen Kar

Process Integration Engineer, AIM
Photonics, Albany NanoTech
Campus, Albany, NY 12203, USA

Deadline for manuscript
submissions:

15 February 2025

Message from the Guest Editor

Dear Colleagues,

Superconducting Electronics Technology (SET) is a broad area in the field of electronics, with some important research and cross-over implications.

This Special Issue is dedicated to the cutting-edge advancements in superconducting nano/microelectronics/quantum circuits and their applications in control structures, devices, and complex systems, with a focus on the design, fabrication, material development, metrology, and characterization of superconducting quantum systems/structures. It welcomes contributions from experimentalists and theorists working in this field and adjacent domains, including researchers, scholars, and practitioners who are pioneering new techniques or algorithms, and best practices for sustainable and control strategies in establishing a metrological ground truth for quantum devices and their applications. Topics of interest include, but are not limited to, material science, metrology, and device development and characterization. In addition, new phenomena might be discovered in these new materials that could impact electronic technology.





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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.

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Electronics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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