



Superconducting Electronics and Its Application

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Message from the Guest Editors

This Special Issue, titled “Superconducting Electronics and Its Application”, delves into the forefront of cutting-edge research in the realm of superconducting electronics, focusing on its pivotal role in advancing quantum technologies. With a multifaceted approach, this collection of articles explores three main themes:

- superconducting electronics for quantum technologies ;
- analogue superconducting electronics;
- digital quantum electronics for telecommunication applications.

Topic included but not limited to:

- superconductivity
- superconducting electronics
- superconducting qubits
- superconducting mesoscopic devices
- quantum technologies
- quantum sensing
- quantum communication
- superconducting diode effect

Welcome to your contributions.





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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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