

Special Issue

High-Reliability Semiconductor Devices and Integrated Circuits, 2nd Edition

Message from the Guest Editors

In this Special Issue on “High-Reliability Semiconductor Devices and Integrated Circuits”, we will focus on simulation, modeling, design, and optimization for high-reliability devices and integrated circuits for automobiles, avionics, and aerospace. High-reliability devices and integrated circuits are intensely studied because they are widely used in traditional aerospace electronic systems, avionics, automobiles, etc. In recent years, new technologies such as intelligent analysis, optimization, and manufacturing based on artificial intelligence and other novel technologies have brought vitality to the field of high-reliability devices and circuits.

The objective of this Special Issue is to collect research works focused on mathematical models, high-efficiency/-precision numerical solution methods, and intelligent design and optimization methods for high-reliability materials and devices and integrated circuits. We welcome novel works reporting on high-reliability devices and circuits and their applications to discuss the most recent breakthroughs and the potential impacts in related research fields.

Guest Editors

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

You are invited to contribute research articles or comprehensive reviews for consideration and publication in *Micromachines* (ISSN 2072-666X). *Micromachines* is published in the open access format. Research articles, reviews and other contents are released on the internet immediately after acceptance. The scientific community and the general public have unlimited free access to the content as soon as it is published. As an open access journal, *Micromachines* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. We are pleased to welcome you as our authors.

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