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Advanced Integrated Circuits and Devices

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Message from the Guest Editors

This Special Issue intends to present new ideas and experimental results in the field of advanced integrated circuits and devices from theory, design, and experiments to practical uses. Areas relevant to this field include but are not limited to, novel devices, advanced integrated circuits, computing architectures, and applications.

This Special Issue will publish unpublished, high-quality original research papers in the overlapping fields of:

- Novel memory and computing devices (RRAM, MRAM, PCM, FeFET, etc.).
- Advanced circuits and architectures, such as in-memory computing, quantum computing, brain-inspired computing, stochastic computing, optical computing, etc.
- Systems and demonstrations with the above advanced circuits and devices.
- Device/circuit/architecture-related reliability, power, performance, applications, etc.



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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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