

Special Issue

Advanced Circuits and Systems for Emerging Applications

Message from the Guest Editors

This year celebrates the 75th anniversary of the invention of the first transistor. With the unending evolution of semiconductor technologies and unceasing developments of new applications, integrated circuits and systems have been part of nearly all aspects of our daily lives. Increasingly stringent specifications are imposed on the speed, power consumption, compactness, and cost of the circuits and systems in order to fulfill the new challenges brought by emerging applications such as smart biosensing systems, advanced communications, innovative medical imaging, as well as novel memory and computing architectures. This Special Issue intends to present new ideas and experimental results in the field of advanced circuits and systems for emerging applications, from theory, design, and experiments to practical uses. Areas relevant to this field include, but are not limited to, innovative integrated circuits, systems, and algorithms.

Guest Editors

Prof. Dr. Hui Zhang
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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.

Editor-in-Chief

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