

Special Issue

Advanced Analog Circuits for Emerging Applications

Message from the Guest Editors

Analog circuits are still playing a critical role in a world today that seems to be dominated by digital electronics. It is vital to interface with the physical world where the signals are analog in nature. Looking further into the future, we are embracing an era in which everything will be unprecedentedly connected, and the world-machine interactions will become ubiquitous. This is accompanied by various emerging applications which bring about opportunities and challenges to future analog circuit design. In this context, this Special Issues calls for in-depth studies and advanced developments on analog circuit designs for applications including but not limited to: Bio-medical and health care electronics; Environmental sensing and monitoring; Food screening and agricultural applications; IoT in energy and other industrial applications; Resilient electronics in harsh environments; Machine learning and artificial intelligence; Design with emerging technologies such as flexible electronics, thin film devices, emerging memory devices, etc.

Guest Editors

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About the Journal

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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 guestedited by leading experts in selected topics of interest.

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