



Analogue and Mixed Circuit: Design and Applications

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Message from the Guest Editors

Dear Colleagues,

Analog and mixed-signal circuits play critical roles in a world increasingly dominated by digital electronics. It is vital to interface with the physical world through sensors, a task requiring an analog output. Looking into the future, we must embrace an era of universal connection and ubiquitous world-machine interactions. This trend includes various applications, e.g., in biomedical, environmental sensing, electric automotive, energy harvesting and 6G communication, bringing enormous opportunities and challenges to analog and mixed-signal circuit design. In this context, this Special Issues calls for in-depth studies of analog and mixed-signal circuit designs and applications. This should include, but are not limited to:

- Sensor interface circuits and systems;
- Power management circuits and systems;
- Analog-to-digital and digital-to-analog converters;
- Bio-medical and health care circuits and systems;
- IoT sensors systems and energy harvesting circuits;
- Food and Environmental monitoring circuits and systems;
- Design with emerging technologies such as flexible, thin-film devices.





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Message from the Editor-in-Chief

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