

## Special Issue

# Low Power Integrated Circuit Design, Sensors and Their Applications

### Message from the Guest Editors

Cheap sensing technologies are essential with the growth seen in the Internet of Things (IoT) devices. The main cost of such devices is mainly due to the cost of management (for example, changing their batteries) or fault detection of a sensor. To this end, low-power smart sensors powered by energy-harvesting mechanisms are in extreme demand in different applications, including but not limited to biomedical devices (wearable or implants), smart farming, smart home, underground IoTs, etc. In this Special Issue, we invite researchers to submit their original ideas on (but not limited to) low-power sensing mechanisms based on novel approaches, low-power sensor interfacing enabled by CMOS circuit and architecture techniques, sensors enabled by emerging technologies such as spintronics, memristive devices, etc., and novel energy-harvesting mechanisms enabling a longer lifetime of IoT devices.

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### Guest Editors

Dr. Farshad Moradi  
Dr. Ricardo Ferreira  
Dr. Hooman Farkhani

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### Deadline for manuscript submissions

closed (30 September 2021)



## Sensors

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*Sensors*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sensors@mdpi.com](mailto:sensors@mdpi.com)

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### Message from the Editor-in-Chief

*Sensors* is a leading journal devoted to fast publication of the latest achievements of technological developments and scientific research in the huge area of physical, chemical and biochemical sensors, including remote sensing and sensor networks. Both experimental and theoretical papers are published, including all aspects of sensor design, technology, proof of concept and application. *Sensors* organizes Special Issues devoted to specific sensing areas and applications each year.

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### Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro  
Department of Electrical and Information Engineering, Politecnico di  
Bari, Via Orabona 4, 70126 Bari, Italy

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