

Special Issue

CMOS Image Sensors and Related Applications

Message from the Guest Editor

It is my pleasure to invite you to submit your valuable research outcomes to this Special Issue, titled “CMOS Image Sensors and Related Applications”. The aim of this Special Issue is to share and publish high-quality peer-reviewed papers in the area of CIS technology and its applications. The editorial board invites researchers to contribute to the field of high-performance CIS technologies including novel CIS architectures and implementations, high-performance pixel-readout circuits, on-chip image generation and processing, and a new CIS dedicated to task-specific imaging systems. Topics of this issue include but are not limited to:

- CMOS image sensor architecture and circuit implementation;
- High-frame rate and/or low-power CMOS image sensors;
- Wide-dynamic range CMOS image sensors;
- Imaging systems employing state-of-the-art CMOS image sensors;
- High-performance pixel readout circuits including analog-to-digital converters.

Guest Editor

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Deadline for manuscript submissions

closed (30 November 2020)



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About the Journal

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.

Editor-in-Chief

Prof. Dr. Vittorio M. N. Passaro

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