

Special Issue

Image Sensors

Message from the Guest Editors

Although the quality of mainstream CMOS image sensors has reached outstanding levels in the last few years, new challenges are continuously pushing the image sensor research community. An increasing number of applications calls for dedicated image sensors with custom specifications in terms of space and time resolution, efficiency, power consumption and on-chip processing capabilities. These new requirements can often be met only with a combined effort of process, circuit, and system design. An interdisciplinary approach, involving research in material science, electronics and optics, is thus needed to push image sensors beyond the current state-of-the-art. This Special Issue focuses on the following topics:

- Image sensor process technology and packaging
- Analog and digital circuits for image sensors
- Image sensor characterization and modelling
- ...

For further information, please visit

http://www.mdpi.com/journal/sensors/special_issues/image_sensors.

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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.

Editor-in-Chief

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