

Special Issue

Application and Advance of Photodetector and Image Sensors

Message from the Guest Editor

CMOS Image Sensors are widely used in scientific and in consumer applications. Due to their intensive use and the continued increase in performance demand, innovations in CIS are especially important. Their potential fields of application are many and varied, such as medicine, biology, particle detection, electron microscopy, space observation, etc. The scope of this Special Issue is to gather as much information and progress and as many methods as possible in the fields of image sensors, particle detectors, and also in modeling and in TCAD simulations related to these devices. In particular, the focus may be centered on process improvements, on new detector architectures (for instance, Quanta Image Sensors), on developments in measurement methodologies, and also in predictive simulations.

Guest Editor

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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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