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Photon Counting Image Sensors

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Deadline for manuscript
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Message from the Guest Editors

Photon counting image sensors are playing ever more crucial roles in a wide variety of research and commercial fields. The ultimate detection sensitivity provided by their ability to detect single quanta of electromagnetic energy over a broad spectrum from infrared up to high-energy gamma-rays, with timing precision into the picosecond regime, has potential applications in many fields. These cover a diverse range from medical imaging to particle physics, homeland security to astronomy, and from consumer applications to microscopy. In this Special Issue, we will highlight the latest developments in a series of invited papers covering all areas of photon-counting imaging technology.



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Special Issue



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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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