Special Issue

Single Photon Counting Image Sensor

Message from the Guest Editors

Single-photon counting imaging sensors such as the ubiquitous all solid-state single-photon counting avalanche diode (SPAD) detectors can measure single-photon events. This image sensor field is developing rapidly as new applications emerge. Imaging systems based on scanning single sensors or sensor arrays achieve ever-higher resolution concerning space, time, and quantum efficiency in different spectral ranges (e.g., ultraviolet, visible, infrared). This fundamental platform technology opens up the development of new imaging methods and applications in science and industry. This Special Issue contains articles discussing various single-photon counting imaging sensor technologies and selected new applications. More infomation please visit here

Guest Editors

Dr. Martin Laurenzis

Prof. Dr. Gerald S. Buller

Prof. Dr. Edoardo Charbon

Dr. Ivan Rech

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Sensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
sensors@mdpi.com

mdpi.com/journal/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

Prof. Dr. Vittorio M. N. Passaro
Dipartimento di Ingegneria Elettrica e dell'Informazione (Department of Electrical and Information Engineering), Politecnico di Bari, Via Edoardo Orabona n. 4, 70125 Bari, Italy

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