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Photon-Counting Image Sensors

Guest Editors:

Prof. Dr. Eric Fossum

Prof. Dr. Nobukazu Teranishi

Prof. Dr. Albert Theuwissen

Dr. David Stoppa

Prof. Dr. Edoardo Charbon

Deadline for manuscript
submissions:

closed (12 February 2016)

Message from the Guest Editors

Dear Colleagues,

The field of photon-counting image sensors is advancing rapidly with the development of various solid-state image sensor technologies including single photon avalanche detectors (SPADs) and deep-sub-electron read noise CMOS image sensor pixels. This foundational platform technology will enable opportunities for new imaging modalities and instrumentation for science and industry, as well as new consumer applications. Papers discussing various photon-counting image sensor technologies and selected new applications are presented in this all-invited Special Issue.

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Special Issue



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Message from the Editor-in-Chief

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