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## Single Photon Counting Image Sensor

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**Prof. Dr. Gerald S. Buller**

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Deadline for manuscript  
submissions:

**closed (15 June 2021)**

### Message from the Guest Editors

Dear Colleagues,

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 information please visit [here](#)

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*Guest Editors*



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# Special Issue



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## Message from the Editor-in-Chief

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