Special Issue

Multipixels Single Photon Detectors for Quantum Applications

Message from the Guest Editors

Non-classical states of light, as for instance entangled photons, promise dramatic improvements over classical optical methods, or even allow for novel measurement schemes. Recording efficiently their spatio-temporal properties requires sensors that combine high temporal and spatial resolution and high sensitivity.
This special issue is addressed to all arrays of single photon detectors for quantum sensing and their applications.

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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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