

Special Issue

Recent Progress in Single-Photon Generation and Detection

Message from the Guest Editor

With the rapid development of quantum technology, progresses in single-photon sources and single-photon detectors have sprung up. And new applications of single-photon sources and single-photon detectors are not limited in the field of quantum technology but extended to a lot of different field such as metrology, biology, materials science and so forth. Therefore, the Special Issue aims to collect the recent progresses in the single-photon source and detection, including related applications. We welcome papers that highlight the evolving research fields of single-photon generation and detection. Topics covered include, but not limited to:

- Single-photon sources and related applications
- Entangled-photon pair sources
- Single-photon frequency upconversion/downconversion
- Metrology with single-photon sources or single-photon detectors
- Photon-number resolving detection

Guest Editor

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Message from the Editor-in-Chief

Editor-in-Chief

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