Special Issue

Quantum Optics: Entanglement and Coherence in Photonic Systems

Message from the Guest Editors

Quantum optics has traditionally played important roles in probing the fundamental properties of quantum physics, such as entanglement and quantum coherence. Recently, with the advent of the second quantum revolution, quantum optics has been at the heart of quantum information technologies, such as quantum computing, quantum networks, and quantum metrology. These applied quantum technologies rely on the generation, manipulation, and measurement of quantum optical states of light, e.g., single photons, entanglement, and squeezing. To echo the recent exciting development in quantum optics, we are launching a Special Issue of *Photonics* in the field of quantum optics: "Entanglement and Coherence in Photonic Systems". We encourage you to submit your research work on both theoretical studies and experimental demonstrations.

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Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Photonics* (ISSN 2304-6732). *Photonics* is an online open access journal covering both the fundamental and applications of optics and photonics. *Photonics* strives to provide an avenue to allow authors to disseminate their scientific findings—both theoretical/ simulations and experimental works—in highly accessible peer-reviewed journal publications. The manuscript in *Photonics* will be handled with quick turnaround production processing time. We welcome authors to submit their manuscripts for publications in *Photonics*. Our goal in *Photonics* is to enable fast dissemination of high impact works to the scientific community.

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