

Special Issue

Nonlinear and Quantum Optics in Coupled Structures: Fundamentals and Applications

Message from the Guest Editors

This Special Issue of *Photonics*, entitled “Nonlinear and Quantum Optics in Coupled Structures: Fundamentals and Applications”, will focus on new developments of research on classical and quantum optical effects in micro-structures. This multi-disciplinary endeavor encompasses both fundamentals and applied sciences. We expect to cover the topics such as circuit QED, nonlinear optics in micro-cavity, quantum optomechanics, quantum simulation with coupled microresonators and waveguides, the experimental fabrication of devices, as well as quantum measurement and other studies based on light-matter interaction in a cavity setting.

Guest Editors

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About the Journal

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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