

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

Dr. Bing He

Center for Quantum Optics and Quantum Information, Universidad Mayor, Camino La Pirámide 5750, Huechuraba, Santiago, Chile

Dr. Jianming Wen

Electrical and Computer Engineering, Binghamton University, Binghamton, NY 13902, USA

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Photonics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
photonics@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Nelson Tansu

School of Electrical and Electronic Engineering (EEE), The University of Adelaide, Adelaide, SA 5005, Australia

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