



## Nonlinear and Quantum Optics in Coupled Structures: Fundamentals and Applications

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### 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.

Deadline for manuscript  
submissions:

**closed (10 August 2022)**

