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Quantum Technologies in Electrodynamic Resonators and Waveguides

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Deadline for manuscript submissions:
closed (15 December 2022)

Message from the Guest Editors

Dear Colleagues,

We are pleased to invite you to submit a manuscript to the *Photonics* Special Issue 'Quantum Technologies in Electrodynamic Resonators'.

We welcome contributions covering the following systems:

- Ultra-cold atoms in optical cavities
- Superconducting circuits interacting with microwave resonators and waveguides
- Polaritons in optical cavities
- Quantum fluids of light

These can be matched with one of the following topics:

- Materials engineering
- Quantum devices
- Quantum metrology
- Quantum simulators for condensed-matter physics
- Quantum simulators for fundamental physics
- Quantum information and computing

Given the Special Issue's main goal, we open to two different types of contributions:

- Original articles telling new stories on the solution of an open problem, yet nestled within a comprehensive overview of the other open problems in the field
- Reviews, possibly joining experimental and theoretical analysis

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Special Issue

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Message from the Editor-in-Chief

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