



## Preliminary Call for Papers

Announcing an Issue of the IEEE

JOURNAL OF SELECTED TOPICS IN QUANTUM ELECTRONICS on

# Photonics for Quantum Information Technologies

Submission Deadline: August 1, 2019

Hard Copy Publication: May/June 2020

The **IEEE Journal of Selected Topics in Quantum Electronics** (JSTQE) invites manuscript submissions in the area of **Photonics for Quantum Information Applications**:

- Quantum communication
- Quantum cryptography
- Quantum random-number generation
- Single-photon sources and detectors
- Quantum memories
- Quantum networks
- Quantum sensing and metrology
- Quantum opto-mechanics
- Quantum software
- Quantum computation
- Quantum annealers and optimizers
- Quantum simulators
- Certification of quantum devices
- Quantum engineering
- Quantum control
- Quantum machine learning
- Quantum information theory
- Foundations of quantum physics

The Primary Guest Editor for this issue is **Antonio Ancin**, Institute for Photonics Sciences, Barcelona, Spain. The Guest Editors are: **TBA**

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**For inquiries, please contact:**

**IEEE Photonics Society JSTQE Editorial Office - Chin Tan Lutz (Phone: 732-465-5813, Email: [c.tanlutz@ieee.org](mailto:c.tanlutz@ieee.org))**

The following documents are required during the mandatory online submission at: <http://mc.manuscriptcentral.com/jstqe-pho>.

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