



Call for Papers for *Symposium on Selected Areas in Communications: Quantum Communications & Computing Track*

Track Chair

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Scope and Motivation

Recent experimental results confirm feasibility of real applications in quantum communications, computing, security, and sensing. Companies and governments started to invest significant amounts of funding in research and development of quantum technologies. These developments are offering numerous opportunities to contribute within research and engineering of quantum technologies.

Topics of Interest

The SAC Quantum Communications & Computing Track seeks original contributions in various topics, including:

- Quantum communications
- Entanglement distillation & swapping
- Quantum state discrimination
- Quantum sensing & metrology
- Quantum coding theory
- Quantum synchronization
- Quantum networks
- Quantum algorithms
- Interconnection and complexity theory
- Modeling and simulation
- Optimized algorithms and applications
- Quantum computing

Important Dates

Paper Submission: 12 October 2020

Notification: 25 January 2021

Camera Ready and Registration: 22 February 2021

How to Submit a Paper

All papers for technical symposia should be submitted via [EDAS](#). Full instructions on how to submit papers are provided on the IEEE ICC2021 website: <https://icc2021.ieee-icc.org/>