Quantum Information Science

Call for Papers

This special issue will focus on *Quantum Information Science*, especially Communication and Computing. It will aim to bridge theory, practice and basic science, ranging from the state-of-the-art in quantum computing, to communication, coding, cryptography, and compression, as well as the current challenges remaining. An overarching theme is how the information-theoretic and quantum-physical perspectives complement each other in building these quantum technologies. Prospective authors are invited to submit original manuscripts on topics within this broad scope including, but not limited to:

- Quantum Shannon theory
- Quantum cryptography
- Quantum algorithms and communication complexity
- Quantum error correcting codes
- Quantum estimation, metrology, and sensing
- Quantum information measures

Guest Editors

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Submission Guidelines

Prospective authors must follow the *IEEE Journal on Selected Areas in Information Theory* guidelines regarding the manuscript and its format. For details and templates, please refer to the *IEEE Journal on Selected Areas in Information Theory* Author Information webpage. All papers should be submitted through Scholar One according to the following schedule:

Important Dates
Manuscript Due: February 1, 2020
Acceptance Notification: June 1, 2020
Final to Publisher: July 1, 2020
Expected Publication: July/August 2020

Manuscript Submission Website: https://mc.manuscriptcentral.com/jsait-ieee