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Now Open for Submissions

ACM Transactions on Quantum Computing (TQC)

Co-Editors-in-Chief

Travis S. Humble, Oak Ridge National Laboratory, USA

Mingsheng Ying, University of Technology Sydney, Australia

Scope

ACM Transactions on Quantum Computing (TQC) will publish high-impact, original research papers and select surveys on topics in quantum computing and quantum information science. The journal targets the quantum computer science community with a focus on the theory and practice of quantum computing including but not limited to: models of quantum computing, quantum algorithms and complexity, quantum computing architecture, principles and methods of fault-tolerant quantum computation, design automation for quantum computing, issues surrounding compilers for quantum hardware and NISQ implementation, quantum programming languages and systems, distributed quantum computing, quantum networking, quantum security and privacy, and applications (e.g. in machine learning and AI) of quantum computing.

TQC welcomes manuscript submissions that address computational aspects of quantum computing and appeal to the broader community of quantum information science.

For submissions or other questions please contact: tqc-editors@acm.org.

**For further information and to submit
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