

## Special Issue

# Recent Advances in Superconducting Quantum Computing

### Message from the Guest Editors

This Special Issue aims to be a forum for the presentation of recent developments of quantum computation and simulation based on superconducting qubits, and will accept unpublished original papers and comprehension reviews on the following research areas:

- Technical developments of superconducting qubits and circuits;
- Quantum computation and quantum advantage based on superconducting qubits;
- Quantum simulation and many-body quantum dynamics based on superconducting qubits;
- Quantum error corrections based on superconducting qubits;
- Variational quantum algorithms and quantum chemistry based on superconducting qubits;
- Generation of entanglement by using superconducting qubits.

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### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2025)



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### Message from the Editor-in-Chief

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### Editor-in-Chief

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