

## Special Issue

# Recent Advances in Quantum Computing

### Message from the Guest Editor

The purpose of this Special Issue is to publish novel research in the domain of quantum computing. In recent years, quantum computing is gaining popularity due to its inherent ability to explore computational power and to establish the facts “physically about computation”. The physical realization of the quantum-computing system is in progress, and many research groups have successfully implemented the quantum gates. However, the researchers are still focusing on the suitable quantum computing models that are capable of constructing the quantum circuit. Moreover, there is a close relation between quantum and reversible computing. Additionally, with the increasing importance of the use of reversible and quantum circuits, testing of these circuits is necessary to ensure their performance reliability. The main objective of this Special Issue on “Quantum Computing” is to focus on all the relevant topics, such as quantum algorithms and their applications, quantum simulation, quantum-computing systems, etc.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 September 2023)



## Computers

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### Message from the Editor-in-Chief

You are invited to contribute a research article, a comprehensive review or a software paper for consideration and publication in Computers (ISSN 2073-431X). Computers is an international, peer-reviewed, open access journal which provides an advanced forum for computer sciences. Computers is published in open access format—research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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