# **Special Issue**

# Quantum Computation and Applications

# Message from the Guest Editors

We invite you to submit your latest research in the area of quantum computation. We are looking for new and innovative algorithmic approaches for all aspects of quantum computation. High-quality papers are solicited to address both theoretical and practical issues of quantum computation. Potential topics include but are not limited to analyzing and/or verifing the power of quantum computation and communication, new quantum algorithms, new applications of quantum computation and communication, efficient design methodology for quantum computation, etc.

#### **Guest Editors**

Prof. Shigeru Yamashita

College of Information Science and Engineering, Ritsumeikan University

Prof. François Le Gall

Graduate School of Mathematics, Nagoya University

Dr. Rudy Raymond IBM Research -- Tokyo

# Deadline for manuscript submissions

closed (31 December 2020)



# **Algorithms**

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# **About the Journal**

# Message from the Editor-in-Chief

Algorithms are the very core of Computer Science. The whole area has been considered from quite different perspectives, having led to the development of many sub-communities: Complexity theory (limitations), approximation or parameterized algorithms (types of problems), geometric algorithms (subject area), metaheuristics, algorithm engineering, medical imaging (applications), indicates the range of perspectives. Our journal welcomes submissions written from any of these perspectives, so that it may become a forum for exchange of ideas between the corresponding scientific subcommunities.

#### Editor-in-Chief

#### Prof. Dr. Frank Werner

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