



# CALL FOR PAPERS

**ICQTHDS 2020**  
**Sep 23-24, 2020**  
**Vancouver, Canada**

The International Research Conference is a federated organization dedicated to bringing together a significant number of diverse scholarly events for presentation within the conference program. Events will run over a span of time during the conference depending on the number and length of the presentations.

ICQTHDS 2020 : International Conference on Quantum Threshold Theorem and Higher-Dimensional Systems is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Quantum Threshold Theorem and Higher-Dimensional Systems. The conference will bring together leading academic scientists, researchers and scholars in the domain of interest from around the world. Topics of interest for submission include, but are not limited to:

Quantum threshold theorem in  
quantum computing  
Accuracy threshold theorem  
Fault-tolerant quantum computation  
Fault-tolerant quantum error  
correction  
Level reduction and the quantum  
threshold theorem

Fault-tolerant methods  
Fault-tolerant measurement  
Noise models  
Fault-tolerant quantum computation  
with constant error rate  
Fault-tolerant quantum computation  
with higher-dimensional systems