



# CALL FOR PAPERS

**ICQE 2020**  
**Mar 19-20, 2020**  
**Prague, Czechia**

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.

ICQE 2020 : International Conference on Quantum Estimation is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Quantum Estimation. 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 estimation  
Quantum estimation for quantum technology  
Digital quantum estimation  
Quantum phase estimation algorithm  
Quantum detection and estimation theory  
State and parameter estimation in quantum theory  
Application of quantum estimation theory  
Information-theoretic quantum metrology

Quantum estimation and stochastic control  
Entanglement and purity  
Nonlinear functions of the density matrix  
Quantum observables  
Local quantum estimation theory  
Symmetric logarithmic derivative  
Quantum statistical models