



CALL FOR PAPERS

ICQEMCD 2020
Aug 27-28, 2020
Sydney, Australia

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.

ICQEMCD 2020 : International Conference on Quantum Estimation, Measurement, Control and Detection is

the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Quantum Estimation, Measurement, Control and Detection. 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