



CALL FOR PAPERS

ICQCEAA 2021
Jun 03-04, 2021
New York, USA

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.

ICQCEAA 2021 : International Conference on Quantum Control Engineering and Advanced Algorithms is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Quantum Control Engineering and Advanced Algorithms. 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 control engineering
Advances in quantum control engineering
Applications of quantum control engineering
Quantum measurement
Feedback and stability applications
Quantum control engineering: mathematical principles and applications
Quantum filtering and the application to quantum measurement and metrology
Quantum open-loop schemes
Quantum feedback networks and the design of quantum controllers
Quantum statistics and estimation and the connection with filtering and control
Quantum information processing and its relevance to quantum control and error correction
Quantum control mechanism analysis

Quantum observable control landscapes
Local controllability
Quantum gate control mechanism analysis
Robust control of quantum dynamics
Quantum control robustness analysis and robust control algorithms
Microchips and computing
Encryption and cyber-security
Communications
High-precision sensing
Space and aerospace
Defence and security