



# CALL FOR PAPERS

**ICEEQC 2020**  
**Jul 23-24, 2020**  
**Rome, Italy**

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.

ICEEQC 2020 : International Conference on Electrical Engineering and Quantum Computing is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Electrical Engineering and Quantum Computing. 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:

Electrical engineering and quantum computing  
Algorithms in Quantum Computation  
Cavity QED  
Cold atoms and trapped ions  
Entanglement  
Fault-tolerant quantum computing  
Hybrid solid/atomic/photonic systems  
Interaction between light and materials  
Josephson junction  
Linear and nonlinear optics  
Materials for quantum information processing  
Matter-field interaction  
Meta-materials

Nonclassical properties of radiation  
Nonclassical states  
Novel quantum matter  
Open quantum systems  
Physics of entanglement  
Practical implementation of quantum computers  
Quantum algorithms  
Quantum circuits  
Quantum Communication  
Quantum computing and metrology  
Quantum computing and teleportation  
Quantum cryptography  
Quantum dots