



CALL FOR PAPERS

ICQECBP 2021
Oct 25-26, 2021
Bali, Indonesia

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.

ICQECBP 2021 : International Conference on Quantum Error Correction and Basic Properties is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Quantum Error Correction and Basic Properties. 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 error correction
General properties
Approaches to quantum error correction
Realization of quantum error correction
The bit flip code
The sign flip code
The shor code
General codes
Models
Experimental realization
Theoretical and mathematical foundations
Quantum error correction

Quantum information theory
Computability theory and complexity theory
Nonequilibrium processes and quantum biology
Entanglement theory and the dynamics of multi-component quantum systems
Quantum error-correcting code
Located errors
Error detection
Quantum codes and entanglement
Probability of failure
Uncorrelated errors
Classical linear codes
Some constraints on code parameters