



# CALL FOR PAPERS

**ICQNI 2020**  
**Apr 23-24, 2020**  
**Tokyo, Japan**

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.

ICQNI 2020 : International Conference on Quantum Noise and Information is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Quantum Noise and Information. 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 noise and information  
Quantum noise, measurement, and amplification  
Mathematical models of quantum noise  
Quantum noise and quantum measurement  
Quantum noise spectral densities  
Quantum limit on QND qubit detection  
Quantum limit on linear amplification  
Quantum limit on a linear-amplifier  
Quantum stochastic  
Quantum optics

Treatments of photodetection  
Quantum amplifier theory  
Non-Markovian quantum stochastic processes  
Quantum input-output theory  
Positive P-representations  
Stochastic Schrödinger equation  
Cascaded quantum systems  
Bose-Einstein condensation  
Quantum feedback and quantum information