



# CALL FOR PAPERS

**ICAQPNE 2022**  
**Apr 29-30, 2022**  
**Jerusalem, Israel**

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.

ICAQPNE 2022 : International Conference on Applied Quantum Physics and Nuclear Engineering is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Applied Quantum Physics and Nuclear Engineering. 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:

Introduction to quantum theory and classical physics  
Differences between quantum and classical physics  
Applied quantum mechanics  
Objectives of researching quantum mechanics  
Different approaches to quantum theory and relativity  
History of quantum mechanics  
Old quantum theory  
The basics of theory of relativity  
Mathematical formulations

Quantum logic  
Mathematically equivalent formulations of quantum mechanics  
Interactions with other scientific theories  
Quantum mechanics and classical physics  
Copenhagen interpretation of quantum versus classical kinematics  
Relativity and quantum mechanics  
Attempts at a unified field theory  
Philosophical implications