



CALL FOR PAPERS

ICCQMNP 2022
May 20-21, 2022
Berlin, Germany

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.

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

Computational Quantum Mechanics
Cold-atom physics
Computational Quantum Mechanics for Nuclear Physics
Condensed Matter physics
Foundation of Quantum Mechanics
General Relativity Theory,
Cosmology and Astrophysics
Group Theory
High Energy Physics
Lie algebras
Mathematical Physics
Monte Carlo simulation methods
Nuclear Physics
Phase transitions

Physical implementations of quantum information processing
Quantum communications
Quantum Information and Quantum Mechanics of Measurements and Open Systems
Quantum information theory
Quantum optics
Quantum Theory including Quantum Information (Quantum Computers, Quantum Cryptography, Teleportation of Quantum States)
Quantum tomography of states and quantum devices
Statistical Mechanics
Nuclear Physics
Accelerator Technology Main Systems
Applications of Accelerators
Applied nuclear physics in medicine and industry