



CALL FOR PAPERS

ICSPSCO 2022
Aug 16-17, 2022
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.

ICSPSCO 2022 : International Conference on Single Particle System and Commuting Operators is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Single Particle System and Commuting Operators. 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:

Single-particle systems
Angular momentum
Definition of angular momentum
Angular momentum in an arbitrary direction
Square angular momentum
Angular momentum uncertainty
The hydrogen atom
The Hamiltonian
Solution using separation of variables
Complexity analysis
Quantum mechanics
Discussion of the eigenvalues
Discussion of the Eigen functions

Expectation value and standard deviation
Statistics of a die
Statistics of quantum operators
Simplified expressions
The commutator
Commuting operators
Noncommuting operators and their commutator
The Heisenberg uncertainty relationship
Commutator reference
The hydrogen molecular ion
The Hamiltonian
Energy when fully dissociated
Energy when closer together