



CALL FOR PAPERS

ICWHOA 2021
Jul 12-13, 2021
Ottawa, Canada

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.

ICWHOA 2021 : International Conference on Quantum Harmonic Oscillator and Applications is the premier interdisciplinary forum for the presentation of new advances and research results in the fields of Quantum Harmonic Oscillator and Applications. 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 harmonic oscillator
One-dimensional harmonic oscillator
Hamiltonian and energy eigenstates
Ladder operator method
Analytical questions
Natural length and energy scales
Highly excited states
Phase space solutions

N-dimensional harmonic oscillator
Example: 3D isotropic harmonic oscillator
Harmonic oscillators lattice:
phonons
Applications
Classical harmonic motion
Energies and wavefunctions
Quantal harmonic motion
Quantum mechanics