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Special Issue on Quantum Physics and Its Applications

Call for Papers

Since its birth about one century ago, quantum mechanics has been full of controversy due to its many counter-intuitive features, such as wave-function collapse, randomness in measurement, non-local entanglement,wave–particle duality, uncertainty principle, etc. To cope with these puzzles and difficulties, different interpretations have been proposed to make quantum mechanics look like rational and self-consistent, such as: Copenhagen interpretation, many-worlds interpretation, von Neumann/Wigner interpretation which claims that consciousness causes the collapse, etc. The goal of this special issue is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in the area of **Quantum Physics and Its Applications**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **Quantum Physics and Its Applications**. In this special issue, potential topics include, but are not limited to:

- Quantum optics; Quantum electronics
- Quantum theory
- Quantum numbers and orbitals
- Quantum computing
- Interpretation of quantum mechanics
- Quantum measurement
- Quantum condensed matter
- Quantum gravity

Authors should read over the journal's Authors' Guidelines carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's Paper Submission System.

Please kindly specify the "**Special Issue**" under your manuscript title. The research field "**Special Issue - *Quantum Physics and Its Applications***" should be selected during your submission.

Special Issue timetable:

Submission Deadline	April 29th, 2020
Publication Date	June 2020

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