



Special Issue on Quantum Entanglement Theory and Application

Call for Papers

Quantum entanglement is a quantum mechanical phenomenon in which the quantum states of two or more objects have to be described with reference to each other, even though the individual objects may be spatially separated; The correlations predicted by quantum mechanics, and observed in experiment, reject the principle of local realism, which is that information about the state of a system should only be mediated by interactions in its immediate surroundings. 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 mathematical quantum entanglement theory and application.

In this special issue, we intend to invite front-line researchers and authors to submit original research and review articles on exploring **quantum entanglement theory and application**. In this special issue, potential topics include, but are not limited to:

- Dynamics of quantum entanglement
- Quantum entanglement of moving bodies
- Quantum entanglement in fermionic lattices
- Frequency standards with quantum entanglement
- Methods for detection of quantum entanglement
- Quantum entanglement of a large number of photons
- Evolution equation for quantum entanglement

Authors should read over the journal's [For Authors](#) carefully before submission. Prospective authors should submit an electronic copy of their complete manuscript through the journal's [Paper Submission System](#).

Please kindly notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Quantum Entanglement Theory and Application**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	March 22nd, 2017
Publication Date	May 2017

Guest Editor:

Prof. Wen-Xiu Ma, University of South Florida, USA



Scientific Research
Open Access

**Journal of Applied
Mathematics and Physics**
ISSN Online: 2327- 4379

For further questions or inquiries
Please contact Editorial Assistant at
jamp@scirp.org