



## Special Issue on Partial Differential Equation

### Call for Papers

**Partial Differential Equation** is a differential equation which is composed by unknown multivariable functions and their partial derivatives. Partial differential equations can be applied to describe a wide variety of phenomena such as sound, heat, electrostatics, electrostatics, electrodynamics, fluid flow, elasticity, or quantum mechanics. From the perspective of mathematics itself, solutions of the partial differential equations impel the development of mathematics in various aspects, such as function theory, variational method, series expansion, ordinary differential equations, algebra, differential geometry, etc. Partial differential equations have become a vital part of the modern mathematics and an important bridge between branches of pure mathematics and natural sciences, and engineering technology. In this view, the partial differential equations have become the center of math. 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 research on the **partial differential equation**.

In this special issue, we intend to invite front-line researchers and authors to submit original researches and review articles on exploring **partial differential equation**. Potential topics include, but are not limited to:

- Heat equation
- Wave equation
- Laplace's equation
- Klein–Gordon equation
- Poisson's equation
- Helmholtz equation
- Infinite-order PDEs in quantum mechanical
- Analytical methods to solve PDEs
- Numerical methods to solve PDEs
- Methods for non-linear partial differential equations

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 notice that the “**Special Issue**” under your manuscript title is supposed to be specified and the research field “**Special Issue - Partial Differential Equation**” should be chosen during your submission.

According to the following timetable:



Submission Deadline	August 14th, 2014
Publication Date	October 2014

**Guest Editor:**

For further questions or inquiries  
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