



Special Issue on Differential Equation and Its Application

Call for Papers

A **differential equation** is a mathematical equation that relates some function with its derivatives. In applications, the functions usually represent physical quantities, the derivatives represent their rates of change, and the equation defines a relationship between the two. Because such relations are extremely common, differential equations play a prominent role in many disciplines including engineering, physics, economics, and biology.

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

- Classical mechanics and ordinary differential equation
- Quantum mechanics and linear partial differential equation
- Rate equation
- Predator-prey equations
- Einstein field equations
- Black–scholes equation
- Dynamical systems and differential equation

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 – Differential Equation and Its Application**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	December 7th, 2017
Publication Date	February 2018

Guest Editor:

For further questions or inquiries
Please contact Editorial Assistant at
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