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:

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<th>Submission Deadline</th>
<th>December 31st, 2018</th>
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<td>Publication Date</td>
<td>February 2019</td>
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For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

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