Special Issue on Equations of Mathematical Physics

Call for Papers

Equations which describe mathematical models of physical phenomena. The equations of mathematical physics are part of the subject of mathematical physics. Numerous phenomena of physics and mechanics (hydro- and gas-dynamics, elasticity, electro-dynamics, optics, transport theory, plasma physics, quantum mechanics, gravitation theory, etc.) can be described by boundary value problems for differential equations. A very wide class of models is reducible to such boundary value problems. 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 this area of **equations of mathematical physics**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **equations of mathematical physics**. In this special issue, potential topics include, but are not limited to:

- Equation for vibrations of a string
- Equation for vibrations of a membrane
- Helmholtz equation
- Laplace's equation and poisson's equation
- Fourier analysis and Green`s functions
- Equations of the parabolic type
- Applications of equations of Mathematical Physics

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 specify the "**Special Issue**" under your manuscript title. The research field "**Special Issue – *Equations of Mathematical Physics***" should be selected during your submission.

Special Issue timetable:

Submission Deadline	March 30th, 2020
Publication Date	May 2020

Guest Editor:

For further questions or inquiries

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