# Special Issue on Numerical Simulation and Its Applications

## Call for Papers

A numerical simulation is a calculation that is run on a computer following a program that implements a mathematical model for a physical system. Numerical simulations are required to study the behaviour of systems whose mathematical models are too complex to provide analytical solutions, as in most nonlinear systems. 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 **numerical simulation and its applications**.

In this special issue, we invite front-line researchers and authors to submit original research and review articles that explore **numerical simulation and its applications**. In this special issue, potential topics include, but are not limited to:

- Numerical modeling
- The numerical models
- Computer simulation
- Numerical analysis methods
- Numerical approximation and computational geometry
- Modeling numerical methods and simulation
- Numerical simulations in engineering and 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 – *Numerical Simulation and Its Applications***" should be selected during your submission.

Special Issue timetable:

| Submission Deadline | April 30th, 2024 |
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| Publication Date | June 2024 |

**Guest Editor:**

For further questions or inquiries
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