



Special Issue on
Computational Mathematics and Its Applications

Call for Papers

Computational mathematics involves mathematical research in areas of science and engineering where computing plays a central and essential role. Topics include for example developing accurate and efficient numerical methods for solving physical or biological models, analysis of numerical approximations to differential and integral equations, developing computational tools to better understand data and structure, etc. Computational mathematics is a field closely connected with a variety of other mathematical branches, as for often times a better mathematical understanding of the problem leads to innovative numerical techniques. 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 **computational mathematics and its applications**.

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

- Computational linguistics
- Computational algebraic geometry
- Computational group theory
- Computational geometry
- Computational number theory
- Computational topology
- Computational statistics
- Analysis of mathematical models
- Discretization methods and numerical analysis for PDEs

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 – Computational Mathematics and Its Applications**” should be selected during your Submission.

Special Issue timetable:



Submission Deadline	January 23rd, 2021
Publication Date	March 2021

Guest Editor:

For further questions or inquiries
Please contact the Editorial Assistant at
ajcm@scirp.org