
Special Issue on
Mathematics and Computer Science
Call for Papers

Mathematics and Computer Science is an interdisciplinary field that explores the intersection of mathematical theory and computational techniques. It encompasses the study of algorithms, computation, data structures, and the application of mathematical principles to solve complex computing problems. This field is fundamental to developing software, computer graphics, artificial intelligence, cryptography, and much more. It not only focuses on the theoretical aspects of computation but also on practical problem-solving strategies, optimization, and the analysis of algorithms. By combining rigorous mathematical reasoning with computer science methodologies, this field drives innovation in technology, science, and engineering.

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

- Computational theory and algorithms
- Computational modeling
- Theoretical computer science
- Data structures and algorithms
- Cryptography and network security
- Mathematical models of computer security
- Data science and machine learning
- Computational geometry and topology
- Computational number theory
- Numerical analysis and scientific computing
- Formal methods
- Quantum computing and information
- Mathematics and computers in simulation
- Software engineering and design
- Computer graphics and visualization
- Discrete mathematics for computer science

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 – Mathematics and Computer Science**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	September 30th, 2024
Publication Date	November 2024

For publishing inquiries, please feel free to contact the Editorial Assistant at submission.entrance1@scirp.org

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