



Special Issue on
Computer Applications in Modern Science & Engineering
Call for Papers

"Computer Applications in Modern Science & Engineering" explores the integration of computer-based tools and techniques to solve complex problems in science and engineering disciplines. This multidisciplinary field encompasses computational modeling, simulation, data analysis, and the development of software and algorithms to advance research, design, and innovation. It bridges theoretical knowledge and practical applications, enabling the optimization of processes, the discovery of new materials, enhanced data interpretation, and the development of innovative solutions to technical challenges.

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

- Computational fluid dynamics
- Computational biology and Bioinformatics
- Computational chemistry
- Computational physics
- Computational material science
- Computer vision and graphics
- Software engineering for scientific applications
- Data science and big data analytics
- AI and machine learning in engineering
- Robotics and automation
- Computational modeling
- High-performance computing
- Quantum computing applications

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 – *Computer Applications in Modern Science & Engineering***" should be chosen during your submission.



According to the following timetable:

Submission Deadline	June 28th, 2024
Publication Date	August 2024

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

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