



Special Issue on
Intelligent Computing in Science and Engineering
Call for Papers

“Intelligent Computing in Science and Engineering” is an interdisciplinary academic field that applies artificial intelligence, machine learning, data-driven methods and advanced computational techniques to solve complex scientific and engineering problems. It focuses on intelligent modeling, optimization, simulation, automation and decision-making in areas such as materials science, mechanical systems, electronics, energy and environmental engineering. The field aims to enhance efficiency, accuracy and innovation in scientific discovery and engineering design through computational intelligence.

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

- Computational physics
- Software engineering for scientific applications
- Data science and big data analytics
- Virtual reality and augmented reality applications
- Robotics and intelligent systems
- High-performance computing
- Quantum computing applications
- Intelligent optimization algorithms
- Machine learning for engineering systems
- Intelligent control systems
- Computational materials science
- Smart manufacturing and industry 4.0
- Intelligent signal and image processing
- Scientific computing and data-driven simulation
- AI for energy and environmental engineering
- Cyber-physical systems and digital twins

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 – Intelligent Computing in Science and Engineering**” should be chosen during your submission.

According to the following timetable:

Submission Deadline	September 28th, 2026
Publication Date	November 2026

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

JSEA Editorial Office