

Special Issue

Scientific Computation, Machine Learning and Their Applications in Science and Engineering

Message from the Guest Editors

To spotlight state-of-the-art accomplishments in the fusion of machine learning and traditional scientific computation, particularly in numerical solving partial differential equations and engineering practices, and to foster in-depth interdisciplinary exchanges and innovative progress, we are launching this Special Issue. This edition is committed to establishing a premier academic exchange platform to disseminate the latest theoretical research, technological advancements and practical applications of research findings in this realm. We cordially invite experts, scholars, researchers and engineering professionals from both domestic and international circles to actively contribute their papers. The submissions should closely revolve around the theme of integrating machine learning with scientific computing, encompassing both pioneering theoretical explorations and groundbreaking technological achievements in practical applications. I eagerly anticipate your contributions and hope your manuscript will offer novel insights and methodologies for the integrated development of machine learning and scientific computing.

Guest Editors

Prof. Dr. Hongen Jia
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Dr. Jian Huang

Deadline for manuscript submissions

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About the Journal

Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

Editor-in-Chief

Prof. Dr. Francisco Chiclana

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