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## Advances in Mathematical Methods and Applications for High-Performance Computing

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### Message from the Guest Editor

Dear Colleagues,

High-performance computing (HPC) in general refers to the practice of processing large-scale data and performing complex calculations with high computational efficiency. This term is most commonly associated with computing as used for scientific research or computational science. The aim of this Special Issue is to explore the connections between mathematical modeling, computational methods, and high-performance computing, and how recent developments in these areas can help to solve complex problems in scientific and engineering applications. This Special Issue is expected to provide a platform for researchers and practitioners from academia and industry to present their state-of-the-art research results covering the design, implementation, and evaluation of advanced mathematical methods for a variety of high-performance computing platforms.

We invite researchers working in this area of the field to submit papers related to mathematical methods and applications for high-performance computing.



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# Special Issue