

# Special Issue

## High-Order Numerical Methods and Computational Fluid Dynamics

### Message from the Guest Editor

In this Special Issue, we aim to present the recent developments in the theory and applications of high-order numerical methods and computational fluid dynamics including conventional and particle applications. This special issue will accept high-quality papers containing original research results and review articles of exceptional merit in the following fields: particle-based simulation, high-order multiphase instability, hydrodynamics, computational fluid dynamics with Neural networks.

### Guest Editor

Dr. KyungSung Kim

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### Deadline for manuscript submissions

20 January 2026



## Mathematics

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### 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.

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### Editor-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).