

# Special Issue

## Numerical Modeling and Applications in Mechanical Engineering

### Message from the Guest Editor

As we all experience, the explosive growth of computer technology is continuously opening up new ways for scientists. It is, therefore, possible to solve and evaluate complex engineering problems that previously seemed unsolvable thanks to the indeed advancing numerical modeling techniques. Modern, efficient numerical algorithms are also capable of replacing costly experiments in design, saving development time and expenses. The aim of this Special Issue is to gather scientific articles that are in the crossroads of Mechanical Engineering and numerical modelling. Contributions reporting on new numerical methods or presenting novel applications with known methods are as well welcome.

### Guest Editor

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### Deadline for manuscript submissions

31 December 2025



## 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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