

# Special Issue

## Recent Studies on Partial Differential Equations and Its Applications

### Message from the Guest Editor

Partial differential equations (PDEs) are ubiquitous in natural science and engineering problems, which are the important mathematical models for understanding many nonlinear natural phenomena. We seek papers concerning the insightful theoretical analyses of PDEs and their applications in natural science and engineering problems. Any papers focusing on PDE models and their applications in fluid dynamics, neuroscience, genetics, cellular and molecular dynamics, heart diseases, etc., and where the fusion of mathematical analysis and application help in the progress of this study field are welcome.

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### Guest Editor

Dr. Quan Wang

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### Deadline for manuscript submissions

30 September 2026



## Mathematics

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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.

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### Editor-in-Chief

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