# Special Issue

## The Theory of Differential Equations and Their Applications

### Message from the Guest Editors

Differential equations are one of the core areas of analytical mathematics, playing a fundamental role in modern science and practical engineering. With the promotion of science and technology, in recent years, the theory of differential equations and its applications have rapidly developed, and new waves have been successively set off in these research fields. The aim of this Special Issue is to attract original frontier contributions on the theory of fractional differential equations and functional differential equations, including but not limited to initial value problems, boundary value problems, qualitative theory, stability analysis, control theory and numerical solutions. Moreover, we encourage submissions of their applications in bioscience, economy, information engineering, and so on.

### Guest Editors

Prof. Xiping Liu

Prof. Dr. Liu Yang

Dr. Ruiyang Cai

### Deadline for manuscript submissions

closed (29 February 2024)

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# 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.

### Editor-in-Chief

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