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# **Fractional Calculus and Differential Equations**

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Deadline for manuscript submissions: closed (31 December 2022)

## Message from the Guest Editors

Differential equations (ordinary differential equations, partial differential equations, stochastic differential equations, etc.) are indispensable in modeling various phenomena and processes in physics, chemical reactions, engineering, biological processes and social sciences. The main goal of this Special Issue is to channel activities and resources to develop and promote different research topics in the analysis of differential equations and its applications. Moreover, in this Special Issue we hope to interact with other topics like fractional operators and their applications in linear or nonlinear differential equations, generalized functions, and applications of harmonic analysis.

Topics that are invited for submission include (but are not limited to):

- Linear and nonlinear differential equations;
- Fractional calculus and applications;
- Ordinary differential equations;
- Partial differential equations;
- Stochastic differential equations;
- Fuzzy differential equations;
- Harmonic analysis and applications;
- Applications to real-world phenomena;
- Related topics about differential equations.





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