Special Issue on

Recent Development on Nonlinear Fractional Differential Equations and Their Applications

CALL FOR PAPERS

Nonlinear fractional differential equations arise from scientific research, modeling of nonlinear phenomena, and optimal control of complex systems. Fractional differential equations theory has played an important role in the study of real world problems and the development of new technologies. Therefore, understanding the characteristics of solutions and developing the properties of approximate solutions of these equations would have profound impact on many disciplines. The aim of this special issue is to report on the latest achievements and recent development in the well-posedness analysis and computational methods for solving various fractional differential equations.

This special issue will collect high-quality original research articles as well as review articles on various aspects of nonlinear fractional differential equations and their applications to sciences, technologies, and engineering.

Potential topics include but are not limited to the following:

- ▶ Dynamical fractional differential equations
- ▶ Nonlocal fractional order boundary value problems
- ▶ Fractional functional differential equations
- ▶ Impulsive fractional differential and integral equations
- ▶ Fractional differential equations
- ▶ Numerical analysis for nonlinear fractional differential equations
- ▶ Analysis and control for fractional differential equations
- ▶ Fractional financial mathematics models
- ▶ Fractional Partial differential equations and their applications

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