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Applications of Finite Element Methods for Solving Fractional Partial Differential Equations

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Message from the Guest Editors

This Special Issue will provide a platform for recent and original research results on efficient numerical methods for solving FPDEs. We invite authors to contribute original research articles for this Special Issue, "**Applications of Finite Element Methods for Solving Fractional Partial Differential Equations**".

The following potential topics include, but are not limited to:

- Finite element methods;
- Other methods: finite difference, finite volume, and spectral methods;
- Nonuniform and adaptive discretizations;
- Adaptive space–time methods;
- Numerical treatments of integro-differential equations;
- Parallel-in-time methods;
- Fast matrix computations arising from numerical methods of FPDEs;
- Nonlocal modeling and computation;
- Convolution quadrature;
- Modeling and simulations involving (fractional) PDEs;
- Structure-preserving algorithms for FPDEs.