

Special Issue

Theoretical and Numerical Methods for Fractional and Nonlocal Partial Differential Equations

Message from the Guest Editors

This Special Issue is dedicated to advancing both the theoretical foundations and computational techniques for approaching fractional and nonlocal PDEs. We invite original research articles and high-quality reviews that address recent progress in areas such as existence and uniqueness theory, regularity analysis, numerical approximation schemes, error estimates, and the application of these equations in real-world systems. We welcome contributions that deepen our mathematical understandings of nonlocal models or introduce novel numerical frameworks with theoretical justification and demonstrated applicability.

Guest Editors

Prof. Dr. Giuseppe Di Fazio

Department of Mathematics and Computer Sciences, University of Catania, 95124 Catania, Italy

Prof. Dr. Giovanni Molica Bisci

Department for the Promotion of Human Sciences and Quality of life, San Raffaele Roma University, 00166 Rome, Italy

Deadline for manuscript submissions

28 February 2026



Fractal and Fractional

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.0



mdpi.com/si/246343

Fractal and Fractional
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
fractalfract@mdpi.com

mdpi.com/journal/

fractalfract





Fractal and Fractional

an Open Access Journal
by MDPI

Impact Factor 3.3
CiteScore 6.0



[mdpi.com/journal/
fractalfract](https://mdpi.com/journal/fractalfract)



About the Journal

Message from the Editor-in-Chief

Fractal and Fractional (*Fractal Fract.*) is a scholarly online journal which provides a forum for discussion on new original models and methods in fractals and fractional calculus both from theory and applications. It is a peer-reviewed, open access journal that publishes high quality original research articles, review papers and short communications.

Editor-in-Chief

Prof. Dr. Carlo Cattani

Engineering School (DEIM), University of Tuscia, Largo dell'Università,
01100 Viterbo, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), Inspec, and other databases.

Journal Rank:

JCR - Q1 (Mathematics, Interdisciplinary Applications) /
CiteScore - Q1 (Analysis)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.9 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).