

## Special Issue

# Fractional Processes and Systems in Computer Science and Engineering

### Message from the Guest Editors

Fractional processes and systems are increasingly attracting the interest of researchers in various fields, ranging from computer science to geophysics. This Special Issue focuses on two aspects: One is the theory of fractional processes and systems. The other is the applications of fractional processes and systems in fields such as computer science, data communications, network security, solid mechanics, marine science, ecology, and so on. The aim of this Special Issue is to develop the theory and applications of fractional processes and systems, including the application of fractional processes to computer networks and applications of fractional systems in engineering, such as fractional vibrations, fractional mechanics, applications of fractal dimensions to ecosystem research such as biodiversity identification, and so forth. This Special Issue aims at collecting high-quality papers, including original research articles, perspectives, and reviews, covering recent advances in the areas of, but not limited to, the theory and applications of fractional processes and systems.

### Guest Editors

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### Deadline for manuscript submissions

30 November 2025



## Fractal and Fractional

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## 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.

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### Editor-in-Chief

Prof. Dr. Carlo Cattani

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### Author Benefits

#### High Visibility:

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

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

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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).