

## Special Issue

# Optimal Control Problems for Fractional Differential Equations

### Message from the Guest Editor

During these last four decades, fractional differential equations have gained interest in the modelling of real-world phenomena. Acting on models in order to achieve a desired goal is the aim of optimal control. The aim of this Special Issue is to report recent developments in the optimal control of fractional differential equations and inequalities involving time fractional and space fractional derivatives, including generalized fractional derivatives. This Special Issue will accept high-quality papers containing original research results and survey articles of exceptional merit on the optimal control of models in bounded and unbounded domains, as well as on networks.

---

### Guest Editor

Prof. Dr. Gisèle M. Mophou  
Laboratoire LAMIA, Université des Antilles, Campus Fouillole, 97159  
Pointe-à-Pitre, Guadeloupe, France

---

### Deadline for manuscript submissions

closed (31 May 2024)



## Fractal and Fractional

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.3  
CiteScore 6.0



[mdpi.com/si/164344](https://mdpi.com/si/164344)

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

[mdpi.com/journal/  
fractalfract](https://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 19.3 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the second half of 2025).