# **Special Issue**

# Recent Advances in Fractal and Fractional Calculus Theory and Its Applications

# Message from the Guest Editors

Fractals and the closely related fields of fractional differentiation and integration (fractional calculus) are young but rapidly developing areas of research that have been the focus of theoretical work and implemented in a wide range of applications. This Special Issue aims to further advance research on the latest achievements and applications of fractal theory, including chaos theory, fractional calculus and their applications in the modeling of various phenomena of biology, medicine (including the spread of epidemics), heat and mass transfer in media with reduced dimensionality and, as a consequence, memory and spatial correlation effects, etc.

#### **Guest Editors**

Dr. Aboutrab A. Aliverdiev

Prof. Dr. Jordan Hristov

Dr. Vetlugin Beibelaev

# Deadline for manuscript submissions

closed (30 November 2023)



# Fractal and Fractional

an Open Access Journal by MDPI

Impact Factor 3.6 CiteScore 4.6



# mdpi.com/si/132743

Fractal and Fractional 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 3.6 CiteScore 4.6



# **About the Journal**

# Message from the Editor-in-Chief

#### 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 20.9 days after submission; acceptance to publication is undertaken in 3.6 days (median values for papers published in this journal in the first half of 2024).

