

## Special Issue

# Multi-Scale and Fractal Research on Advanced Manufacturing and Tribology

### Message from the Guest Editors

The purpose of this Special Issue is to promote the latest research results related to the multi-scale properties of materials and the tribological properties in advanced manufacturing technology. In this Special Issue, original research papers and critical reviews on the fundamentals of fractal analysis and multi-scale approaches and their applications in advanced manufacturing and tribology are welcome. The scope and topics that are invited for submission include (but are not limited to) the following: Fractal analysis on manufactured surfaces;

Multi-scale studies on advanced materials;

The tool wear process at various scales;

The characterization of rough surfaces;

The measurement of surface topography;

Tribology in machining processes;

Multi-scale contact mechanics.

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### Guest Editors

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### Deadline for manuscript submissions

30 June 2026



## 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

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### 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).