

## Special Issue

# New Challenges Arising in Engineering Problems with Fractional and Integer Order

### Message from the Guest Editors

This Special Issue is a place for experts to share new ideas on theories, applications, numerical and analytical methods and simulations of fractional calculus and fractional differential equations, as well as integer order. Topics of interest are defined below, and submissions relating to relevant fields are welcome.

- New analytical and numerical methods to solve partial differential equations
- Computational methods for fractional differential equations
- Analysis, modeling, and control of phenomena in the following:
  - Electrical engineering;
  - Fluids dynamics and thermal engineering;
  - Mechanics;
  - Biology;
  - Physics;
  - Applied sciences;
  - Computer science.
- Engineering problems
- Deterministic and stochastic fractional order models

This Special Issue is organized together with the 5th International Conference on Computational Mathematics and Engineering Sciences (CMES-2020) (1–3 July 2020, Van, Turkey); hence, participants in CMES-2020 are especially welcome to submit their contributions. However, this Special Issue will accept contributions from all authors, not just conference participants.

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### Guest Editors

Prof. Dr. Haci Mehmet Baskonus

Prof. Dr. Luis Manuel Sánchez Ruiz

Dr. Armando Ciancio

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### Deadline for manuscript submissions

closed (1 December 2020)



## Fractal and Fractional

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

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