

# Special Issue

## State-of-the-Art Mathematical Applications in Europe

### Message from the Guest Editors

This Special Issue will provide a comprehensive overview of the state of the art of mathematical applications in Europe. We invite research articles that consolidate our understanding of this area. The Special Issue will publish full research papers and reviews. Potential topics include but are not limited to the following:

- Mathematical and computational works in engineering, including aerospace, atmospheric, automotive, chemical, computer, control, and so on;
- Stochastic and deterministic optimization;
- Mathematical models and computational approaches in biology and ecology;
- Mathematics for finance, business, logistics and economics;
- Fuzzy logic, fuzzy sets, and fuzzy systems;
- Algorithms, data analysis, and computational methods in computer science;
- Mathematical problems in physics, mechanics, and other dynamical systems;
- Probability in the modeling of random phenomena in natural sciences, social sciences, and technology;
- Stochastic models and statistical methods in diverse areas such as medicine, epidemiology, telecommunications, inventories, reliability, queueing theory, operations research, and so on;
- Algebra and geometry, and their applications to related fields.

### Guest Editors

Dr. Irina Cristea

Prof. Dr. Yuriy Rogovchenko

Prof. Dr. Gintautas Dzemyda

Prof. Dr. Patrick Siarry

### Deadline for manuscript submissions

closed (31 January 2023)



## Mathematics

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## About the Journal

### Message from the Editor-in-Chief

The journal *Mathematics* publishes high-quality, refereed papers that treat both pure and applied mathematics. The journal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering and sociology, particularly those that stress analytical/algebraic aspects and novel problems and their solutions. One of the missions of the journal is to serve mathematicians and scientists through the prompt publication of significant advances in any branch of science and technology, and to provide a forum for the discussion of new scientific developments.

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### Editor-in-Chief

Prof. Dr. Francisco Chiclana

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### Author Benefits

#### High Visibility:

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

#### Journal Rank:

JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.4 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).