

Special Issue

Modeling and Simulation of Control System

Message from the Guest Editor

The aim of this Special Issue is to collect papers dealing with new trends in the modeling and simulation of control systems. I would like to warmly invite researchers involved in this broad area to contribute to this issue by submitting original research papers. The scope of scientific problems includes mathematical theory, development of methodologies, presentation of new concepts, methods, and ideas, and applications of modeling and simulation of control systems. Papers presenting theoretical aspects concerning modeling and simulation, as well as those describing practical applications of methods, are welcome. All submitted work will be subject to a review process. The published papers will be an excellent source of information on the current state of knowledge, and I also hope that they will become an inspiration for further research. The subject areas of this Special Issue focus on the modeling and simulation of control systems and include the following fields:

- Internet of Things;
- Manufacturing and smart manufacturing;
- Automotive control systems;
- Autonomous vehicles;
- Robotics (industrial robots, mobile robots, cobots, etc.);
- Medical equipment;
- Smart buildings.

Guest Editor

Dr. Krzysztof Foit

Department Of Engineering Processes Automation And Integrated Manufacturing Systems, Silesian University of Technology, 44-100 Gliwice, Poland

Deadline for manuscript submissions

closed (30 November 2022)



Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



mdpi.com/si/95121

Mathematics
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
mathematics@mdpi.com

[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)





Mathematics

an Open Access Journal
by MDPI

Impact Factor 2.2
CiteScore 4.6



[mdpi.com/journal/
mathematics](https://mdpi.com/journal/mathematics)



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.

Editor-in-Chief

Prof. Dr. Francisco Chiclana
School of Computer Science and Informatics, De Montfort University,
The Gateway, Leicester LE1 9BH, UK

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 17.3 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).