



Construction and Research of Mathematical Models

Guest Editors:

**Prof. Dr. Dmitry Sergeevich
Kulyabov**

Prof. Dr. Leonid Sevastianov

Prof. Dr. Vladimir Korenkov

Deadline for manuscript
submissions:

closed (15 November 2021)

Message from the Guest Editors

Dear Colleagues,

Mathematical modelling is a powerful scientific method. This method is the main method for studying physical laws. From physics, the method of mathematical modelling has spread to other areas of science. But the language of mathematics is only one of the languages for implementing models. With the development of computers, new types of modelling have appeared: simulation modelling, surrogate modelling. Furthermore, to describe the same phenomenon, it is possible to use not one model, but a whole ensemble of models. This kind of approach, when different realizations of models and ensembles of models are applied, we call the multi-model approach.

This Special Issue focuses on the use of current advances in mathematical modelling in aspects of research and application of the multi-model approach. Besides, we consider various combined aspects of model investigation, for example, a combination of analytical and numerical research methods. We invite you to contribute and submit your latest research work.

Prof. Dr. Dmitry Kulyabov

Prof. Leonid Sevastianov

Dr. Vladimir Vasilievich Korenkov

Guest Editors





an Open Access Journal by MDPI

Editor-in-Chief

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

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

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

Journal Rank: JCR - Q1 (Mathematics) / CiteScore - Q1 (General Mathematics)

Contact Us

Mathematics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/mathematics
mathematics@mdpi.com
[X@MathematicsMDPI](https://twitter.com/MathematicsMDPI)