

# Special Issue

## Numerical Simulation and Control in Energy Systems

### Message from the Guest Editor

Modern development of science and technology prioritizes the design of mathematical models and methods for applications in the energy industry. The aim of this Special Issue is to collect research papers reflecting the latest advances in the field of numerical simulation and control in power and energy systems. The range of scientific problems for the Special Issue includes current issues in the theory of mathematical modeling, identification, and control in technical energy systems. Topics of interest range from analytical and computational methods to algorithmic and applied solutions and aim at popularizing new ideas, concepts, and methodologies in the description of complex energy systems.

### Guest Editor

Dr. Svetlana V. Solodusha

Department of Applied Mathematics, Melentiev Energy Systems  
Institute Siberian Branch of the Russian Academy of Sciences, 664033  
Irkutsk, Russia

### Deadline for manuscript submissions

closed (31 December 2022)



## Mathematics

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*Mathematics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[mathematics@mdpi.com](mailto:mathematics@mdpi.com)

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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

School of Computer Science and Informatics, De Montfort University,  
The Gateway, Leicester LE1 9BH, UK

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

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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).