



Recent Advances of Mathematics in Industrial Engineering

Guest Editors:

Dr. Idelfonso B. R. Nogueira

Department of Chemical
Engineering, Norwegian
University of Science and
Technology, 7034 Trondheim,
Norway

Dr. Jozef Husar

Faculty of Manufacturing
Technologies, Technical
University of Košice, 080 01
Prešov, Slovakia

Deadline for manuscript
submissions:

closed (30 April 2024)

Message from the Guest Editors

Dear Colleagues,

In the era of Industry 4.0, real-time data collection and analysis based on mathematical theory is extremely important. Creating active information systems which are characterized by the ability to learn and adapt to rapidly changing conditions supporting real decision-making processes would not be possible without the use of calculus, fuzzy logic solutions, statistics, quantitative methods, neural networks, big data analysis, and much more. It is necessary for the development of the industrial engineering area to exchange knowledge and experience in this area, which is the main purpose of this Special Issue.

Editors are invited to submit original and high-quality papers on the application of mathematics to industrial engineering education.

Dr. Idelfonso B. R. Nogueira

Dr. Jozef Husar

Guest Editors





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, St. Alban-Anlage 66
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)