



Mathematical Modeling, Intelligent Manufacturing and Intelligent Production Systems

Guest Editors:

Prof. Dr. Qingdang Li

College of Sino-German Science and Technology, Qingdao University of Science and Technology, Qingdao 266061, China

Dr. Zhen Sun

College of Information Science and Technology, Qingdao University of Science and Technology, Qingdao 266061, China

Deadline for manuscript submissions:

closed (28 February 2023)

Message from the Guest Editors

Dear Colleagues,

Intelligent manufacturing is an important and developing direction in the industrial field. In the future, industrial production will shift from mass production to mass customized production, achieving lower production costs, higher production efficiency and more environmentally friendly production processes. Artificial intelligence, computer vision, and industrial data analysis will provide key basic technologies in the intelligent manufacturing system and promote the transformation of traditional production processes to intelligent manufacturing systems.

Therefore, this Special Issue will collect a series of the latest research articles on intelligent manufacturing and related mathematical modeling and simulation methods, including but not limited to, intelligent manufacturing systems, industrial simulation and mathematical modeling, industrial control and optimization, MEMS, computer vision, data analysis and other topics. Your contributions will promote the development of the field of intelligent manufacturing through high-quality theoretical research, such as mathematical methods and experimental research by applied mathematics.





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)