



an Open Access Journal by MDPI

Computational and Mathematical Methods in Information Science and Engineering

Guest Editors:

Prof. Dr. Wen Zhang

Prof. Dr. Xiaofeng Xu

Prof. Dr. Jun Wu

Prof. Dr. Kaijian He

Deadline for manuscript submissions: closed (1 July 2023) **Message from the Guest Editors**

This Special Issue focuses on recent advanced computational and mathematical methods in information science and engineering to address problems that occur in practice, including theory and potential applications. Topics include, but are not limited to, the following:

- 1. Computational intelligence theory and applications
- 2. Intelligent modeling, control and optimization
- 3. Complex network modeling
- 4. Heterogeneous data mining and fusion
- 5. Big data analytics and artificial intelligence
- 6. Knowledge discovery, inference and optimization
- 7. Complicated high-dimensional data representation and visualization
- 8. Classification and clustering models in applications
- 9. Heuristic intelligence optimization methods
- 10. Deep learning methods
- 11. Open-source software and E-commerce
- 12. Information systems
- 13. Intelligent manufacturing and industry 4.0
- 14. Intelligent transportation systems and logistics
- 15. Recommendation systems
- 16. Knowledge management processes and systems
- 17. Intelligent tourism and intelligent education





mdpi.com/si/109952





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 iournal highlights articles devoted to the mathematical treatment of questions arising in physics, chemistry, biology, statistics, finance, computer science, engineering sociology. particularly those that and 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