



## Mathematical Modelling in Engineering and Human Behaviour

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### Message from the Guest Editors

This Special Issue, “Mathematical Modelling in Engineering and Human Behaviour” (in collaboration with Mathematical Modelling in Engineering & Human Behaviour 2022—MME&HB2022, <https://imm.webs.upv.es/jornadas/2022/home.html>), offers an interdisciplinary forum in areas such as medicine, sociology, business and engineering, where the latest mathematical techniques can be discussed in a common language among experts in cross-disciplinary areas. This Special Issue is aimed at gathering researchers working with mathematics for the formulation and analysis of models.

The main topics of the conference are:

- Mathematical models in epidemiology and medicine;
- Mathematical models in engineering;
- Applications of linear algebra;
- Iterative methods for nonlinear problems;
- Simulations in civil engineering and railway engineering;
- Networks and applications;
- Financial mathematics;
- Uncertainty quantification and modelling;
- Optimization, least squares and applications;
- Machine learning and neuronal networks;
- Mathematics for decision making.





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## Editor-in-Chief

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## Message from the Editor-in-Chief

*Algorithms* are the core of computational mathematics and computer science. The whole area has been considered from different perspectives, which has led to the development of several sub-communities. The aim is to bring together researchers and practitioners from different areas of computational mathematics and computer science and to offer a platform for interdisciplinary applications in different areas of science and technology. In this way, *Algorithms* may become a forum for the exchange of new stimulating ideas between the different sub-communities working in the area of algorithms and their applications and the presentation of high-quality novel algorithmic approaches.

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