

Special Issue

Promoting Interoperability within Modelling and Simulation Applications

Message from the Guest Editors

This special issue aims to gather original research contributions, case studies, and review articles that address the challenges and advancements in achieving seamless integration and collaboration across diverse modelling and simulation systems. The special issue invites submissions on various topics related to promoting interoperability, including but not limited to:

- Standardization efforts and initiatives for enhancing interoperability in modelling and simulation applications;
- Novel methodologies and techniques for data exchange, model integration, and sharing of simulation results;
- Architectural frameworks and protocols for ensuring interoperability in complex simulation environments;
- Interoperability challenges and solutions in specific domains such as healthcare, defense, transportation, and manufacturing.

Guest Editors

Prof. Dr. Greg Zacharewicz

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Prof. Dr. Charles Yaacoub

Prof. Dr. Nicolas Daclin

Deadline for manuscript submissions

closed (31 October 2024)



Modelling

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About the Journal

Message from the Editorial Board

We encourage you to contribute a research or comprehensive review article for consideration and publication in *Modelling* (ISSN 2673-3951), an international open access journal, which is published quarterly online by MDPI. The editorial board and staff of *Modelling* are dedicated to providing an advanced forum for studies related to the development and applications of modelling and simulation techniques. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications.

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Author Benefits

High Visibility:

indexed within ESCI (Web of Science), Scopus, Ei Compendex, EBSCO and other databases.

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 24.9 days after submission; acceptance to publication is undertaken in 3.9 days (median values for papers published in this journal in the second half of 2025).

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q2 (Mathematics (miscellaneous))