

Special Issue

Model Driven Interoperability for System Engineering

Message from the Guest Editors

This Special Issue welcomes recent and innovative contribution works on how enterprise modelling, enterprise interoperability, and model-driven approaches can lead, together with system engineering architecture, to developing and improving enterprise and supply chain interoperability. Model-driven (MD) approaches are based and rely strongly on modelling. They offer enterprises internal development guidelines and good practices but unfortunately do not consider the interoperability that is required between partners when setting a collaboration. As a result, model-driven system engineering architecture (MDSEA), extended with interoperability concerns, has led to the design of the model-driven interoperability system engineering (MDISE) framework, which capitalizes on research on enterprise interoperability. This call welcomes papers highlighting concepts, methods, and tools focusing on the extension of model-driven approaches and principles to interoperability to build relevant and efficient collaboration between organizations. For more information:

<https://www.mdpi.com/si/71709>

Guest Editors

Prof. Dr. Greg Zacharewicz

Prof. Dr. Nicolas Daclin

Prof. Dr. Guy Doumeingts

Dr. Hezam Haidar

Deadline for manuscript submissions

closed (30 June 2023)



Modelling

an Open Access Journal
by MDPI

Impact Factor 1.5
CiteScore 2.2



[mdpi.com/si/71709](https://www.mdpi.com/si/71709)

Modelling
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
modelling@mdpi.com

[mdpi.com/journal/
modelling](https://www.mdpi.com/journal/modelling)





Modelling

an Open Access Journal
by MDPI

Impact Factor 1.5
CiteScore 2.2



[mdpi.com/journal/
modelling](https://mdpi.com/journal/modelling)



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.

Editors-in-Chief

Prof. Dr. Alfredo Cuzzocrea

1. DISPES Department, University of Calabria, 87036 Rende, Italy
2. Institute of High Performance Computing and Networking, Italian National Research Council, Via P. Bucci, 7/11C, 87036 Rende, Italy

Prof. Dr. Wei Gao

School of Civil and Environmental Engineering, Faculty of Engineering,
University of New South Wales, Sydney, NSW 2052, Australia

Author Benefits

High Visibility:

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

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.5 days after submission; acceptance to publication is undertaken in 2.9 days (median values for papers published in this journal in the first half of 2025).

Journal Rank:

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