Special Issue

Modeling and Simulation Methods: Recent Advances and Applications

Message from the Guest Editors

Modeling and simulation methods and applications provide powerful tools for designing, evaluating, and/or predicting new or existing complex systems and processes. The purpose of this Special Issue is to present recent advances in methods and applications that focus on any aspect of system or process modeling and simulation. We are seeking the latest original contributions that have not been published and are not currently under process in any other journal or conference. The potential topics of interest include but are not limited to: conceptual and theoretical models: discrete-event simulation; agent-based modeling; system dynamics; hybrid and multi-paradigm simulation; mathematical models; simulation optimization; neural and fuzzy modeling; and simulation languages, tools, methods, and applications. Keywords

- modeling
- simulation
- agent-based modeling
- system dynamics
- discrete event simulation
- hvbrid simulation
- mathematical modeling
- optimization

Guest Editors

Dr. Anastasia Angelopoulou

Dr. Konstantinos Mykoniatis

Dr. Sean Mondesire

Dr. Athanasios Aris Panagopoulos

Deadline for manuscript submissions

closed (30 November 2022)



Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



mdpi.com/si/98494

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

mdpi.com/journal/electronics





Electronics

an Open Access Journal by MDPI

Impact Factor 2.6 CiteScore 6.1



About the Journal

Message from the Editor-in-Chief

Electronics is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

Editor-in-Chief

Prof. Dr. Flavio Canavero

Department of Electronics and Telecommunications, Politecnico di Torino, 10129 Torino, Italy

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus / SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) / CiteScore - Q1 (Electrical and Electronic Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 2.4 days (median values for papers published in this journal in the first half of 2025).

