

Special Issue

Formal Methods and Intelligent Systems: Trends and Advances in Theoretical and Applied Informatics

Message from the Guest Editors

For this Special Issue, we invite original research that investigates the areas of formal methods, intelligent systems and the interplay between them. A particular emphasis is placed on intelligent methods, including their foundations, theoretical developments, and applications to both simple and complex data types. Topics include, but are not limited to, the following:

- Machine learning and its applications;
- Machine learning and theoretical foundations;
- Formal verification of neural networks;
- Formal verification of reinforcement learning policies;
- Safe deployment of ML systems;
- Formal specification and modeling;
- Formal verification and model checking.

Guest Editors

Dr. Tomasz Krzywicki

Prof. Dr. Andrzej Zbrzezny

Dr. Toktam Ghafarian Mabhoot

Deadline for manuscript submissions

20 December 2025



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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

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