

Special Issue

Digital Twinning: Trends Challenging the Future

Message from the Guest Editors

Digital twinning has matured thanks to its profound proliferation across diverse human activity domains. Therefore, we believe contemporary digital and virtual twinning trends will challenge the future more than the future will challenge them. It is not about how the future will streamline digital twinning but how digital twinning will transform the future. Specific topics of interest include, but are not limited to, the following:

- Machine learning and artificial intelligence empowering;
- Human digital twins;
- Digital twinning-integrated development environments and DevOps;
- Digital twin software;
- Hyper-asset twinning (system-of-systems, cyber-physical systems; socio-technology systems);
- Modeling and simulations, fidelity and synchronization challenges, complexity reduction, network digital twins, digital twin definition language;
- Repository management, smart data protection, security and privacy;
- Standardization, services, and interoperability issues;
- Real-time decision making through edge computing (automotive, robotics, metaverse, agent-based).

Guest Editors

Prof. Dr. Branko Rade Perišić

Center Novi Sad, University Singidunum Belgrade, 21000 Novi Sad, Serbia

Dr. Ana Perišić

Faculty of Technical Sciences, University of Novi Sad, 21000 Novi Sad, Serbia

Deadline for manuscript submissions

15 November 2025



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



mdpi.com/si/237733

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

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





Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 6.1



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



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).