

Special Issue

Information and Communication Technologies in Smart and Critical Infrastructure: Efficiency, Security, Dependability

Message from the Guest Editors

This Special Issue delves into the intersection of ICT and smart infrastructure, emphasizing efficiency, security, and dependability. Suggest themes:

- Cybersecurity in Smart Infrastructure: Addressing vulnerabilities and mitigating risks in interconnected systems.
- IoT and Sensor Networks: Leveraging data from sensors for real-time monitoring and decision-making in critical infrastructure.
- Artificial Intelligence in Infrastructure Management: Exploring AI-driven solutions for optimizing infrastructure operations and maintenance.
- Resilience and Dependability (including Confidentiality, Integrity, Availability, Functional Safety, Survivability, Reliability Aspects): Strategies for ensuring continuity and reliability in the face of disruptions or failures.
- Sustainable Infrastructure Development: Harnessing ICT for eco-friendly infrastructure solutions and resource optimization.
- Models for validation of resiliency and dependability of critical systems in wired and wireless environments.

Join us in this exploration and contribute to the discourse on enhancing efficiency, security, and dependability in these vital systems.

Guest Editors

Prof. Dr. Viacheslav Kovtun

Prof. Dr. Krzysztof Grochla

Prof. Dr. Elena Zaitseva

Deadline for manuscript submissions

15 April 2025



Electronics

an Open Access Journal
by MDPI

Impact Factor 2.6
CiteScore 5.3



mdpi.com/si/203800

Electronics
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 5.3



[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), CAPus /
SciFinder, Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Physics, Applied) / CiteScore - Q2 (Control and
Systems 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 2.6
days (median values for papers published in this journal in
the first half of 2024).