

## Special Issue

# Advancing Intelligent Digital Systems: Theory, Practice, and Security Frontiers

### Message from the Guest Editors

The Special Issue is dedicated to advancing research and innovation in the design, development, and deployment of **intelligent digital systems**. Submissions may cover, but are not limited to, the following topics:

- AI-enhanced security mechanisms for digital systems;
  - Privacy-preserving techniques in data-driven environments;
  - Human-centered AI interfaces and interactive systems;
  - Cybersecurity strategies for smart, interconnected environments;
  - Synergies between AI, IoT, and big data analytics;
  - Personalized and adaptive systems for diverse application domains;
  - Affective computing and emotion-aware intelligent systems;
  - Secure data processing and trustworthy AI frameworks;
  - Intelligent solutions for sustainable and resilient smart cities;
  - The ethical, legal, and social implications of intelligent digital systems.
- Intelligent Multimedia Applications and Human-Centered Technologies;**
- AI-Driven Transformation for Industry and Society;**
- Data Intelligence and Ubiquitous Computing Solutions.**

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### Guest Editors

Dr. Christos Troussas

Dr. Akrivi Krouska

Dr. Phivos Mylonas

Prof. Dr. Cleo Sgouropoulou

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### Deadline for manuscript submissions

30 September 2026



## Electronics

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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 guestedited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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