

## Special Issue

# Advances in ML/AI-Enhanced Cyber Resilience

### Message from the Guest Editors

This Special Issue focuses on the critical role of machine learning (ML) and artificial intelligence (AI) in strengthening cybercrime investigations and advancing digital forensics. Key topics in this research area include AI-driven evidence collection methodologies for identifying, processing, and analyzing digital evidence. We invite contributions that explore system hardening and prevention, including ML-based vulnerability assessments, automated patch management, and dynamic security configuration to mitigate cyber threats.

- AI-driven cybercrime investigation
- digital forensics
- machine learning in threat detection
- cyber incident management
- system hardening and prevention
- cross-border cybersecurity collaboration
- risk management and compliance
- emerging technologies for cyber resilience
- blockchain security
- post-quantum resilience

### Guest Editors

Dr. Šarūnas Grigaliūnas

Dr. Rasa Brūzgienė

Prof. Dr. Algimantas Venčkauskas

### Deadline for manuscript submissions

15 August 2025



## 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 guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

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