Special Issue

Digital Forensics Techniques: Theory, Methods and Applications

Message from the Guest Editor

The changing paradigm has become an inevitable aspect of modern digital forensics. New types of hardware, software, and services are frequently being introduced. Therefore, there is a need for advanced forensic techniques to support efficient cybercrime investigations and incident response. This Special Issue including but not limited to the following topics of specific interest:

- Artificial intelligence/machine learning applied to digital forensics
- Blockchain technologies in digital forensics
- Cyber threat intelligence
- Cyberphysical system analysis
- Data fragment forensics
- Data visualization in digital forensics
- Dataset development for research, training, education, and tool testing
- Electronic document analysis
- Event correlation mining
- Event reconstruction and user behavior analysis
- Infotainment forensics
- Internet-of-Things forensics
- Malware detection and analysis
- Maritime digital forensics
- Mobile and embedded device forensics
- Multimedia analysis
- New versions of operating systems and applications
- Storage device, partition, volume and filesystem forensics

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Deadline for manuscript submissions

closed (31 December 2021)

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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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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).

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