Digital Investigation is now continued as Forensic Science International: Digital Investigation, advancing digital transformations in forensic science.

FSI Digital Investigation covers a broad array of subjects related to crime and security throughout the computerized world. The primary pillar of this publication is digital evidence and multimedia, with the core qualities of provenance, integrity and authenticity. This publication promotes advances in investigating cybercrimes, cyberattacks and traditional crimes involving digital evidence, using scientific practices in digital investigations, and reducing the use of technology for criminal purposes.

This widely referenced publication promotes innovations and advances in utilizing digital evidence and multimedia for legal purposes, including criminal justice, incident response, cybercrime analysis, cyber-risk management, civil and regulatory matters, and privacy protection. Relevant research areas include forensic science, computer science, data science, artificial intelligence, and smart technology. This journal is used by investigative agencies and forensic laboratories, computer security teams, practitioners, researchers, developers, and lawyers from industry, law enforcement, government, academia, and the military to share their knowledge and experiences, including current challenges and lessons learned in the following areas:

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Scientific practices: Novel approaches to strengthening the scientific foundation and rigor of digital investigations, and to increasing the reliability of and confidence in processes, analysis methods, results, and conclusions involving digital evidence and multimedia. Effective practices: Studies that assess new practices in digital investigations and propose effective approaches to handling and processing digital evidence. Survey papers: Discussion of current methods and future needs relevant to digital investigations, including analysing digital evidence and multimedia from computers, smart technology, mobile phones, memory, malware, network traffic, as well as systems that support enterprises, telecommunications, and satellites. In addition, advanced approaches to analysing digital evidence and multimedia, including novel applications of artificial intelligence and data analytics.

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Legal analysis and updates: Carefully considered commentary by legal experts on recent cases involving digital evidence and multimedia, forensic applications and computer security risk management, relevant legal developments, privacy issues, and legislative limitations.

Evidence accessibility: exploring safe, fair, and feasible methods of acquiring digital evidence from protected sources such as DRM, encrypted traffic, encrypted storage, and locked proprietary devices, while taking individual privacy and ethical aspects into consideration.

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INTRODUCTION

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*Types of Paper*

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