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Autore	Coppens Bart
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Altri autori (Persone)	VolckaertBruno NaessensVincent De SutterBjorn
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Nota di contenuto	18th International Workshop on Digital Forensics (WSDF 2025): Forensic Insights into Windows 11's Capability Access Manager Artifacts -- Reconstructing File Versions and Timestamps: Challenges and Guidelines in Network Forensics -- Measuring the effectiveness of keyword lists in digital forensics -- Money on My Mind: Forensic Investigation of Venmo Payment App -- Forensic Analysis of AI Systems - A Replika "AI Companion" Example -- An AI-Based Network Forensic Readiness Framework for Resource-Constrained Environments -- Mapping the Research Landscape - An Exploratory Analysis of AI Applications in Digital Forensics -- The impact of anti-forensic techniques on data-driven digital forensics: anomaly detection case study. 14th International Workshop on Cyber Crime (IWCC 2025): Generating Deepfakes with Stable Diffusion, ControlNet, and LoRA -- Towards Creating a Darknet Image Database -- Hello, won't you tell me your name?: Investigating Anonymity Abuse in IPFS -- Countering Financial Cyber Crime: New Method for Subsequent Steps Analysis in Large Complex Graphs of Financial Transactions -- From Sign-Up to Multi-Million Revenues: A Deep Dive into Vendors on Darknet

Marketplaces. 9th International Workshop on Cyber Use of Information Hiding (CUING 2025): Contextual Coherence Evaluation of Perfectly Secure Steganography in Text Documents -- Robust Hashing meets Inpainting -- Describing Steganography Hiding Methods by Combining Pre-Existing Methodology -- Calyptography: Secure Secret Storage Inspired by Cryptography and Steganography -- An Independent Secure Authentication System against False Positive/Negative attacks in SVD Based Watermarking: Design and Implementation -- Entropy-Aware Secret Data Embedding for Network Storage Channels -- ReWaP: Reversible Watermarking and Paillier Encryption Approach for Privacy-Preserving Smart Meter.

Sommario/riassunto

This four-volume set LNCS 15994-15997 constitutes the proceedings of the ARES 2025 International Workshops on Availability, Reliability and Security, held under the umbrella of the 20th International conference on Availability, Reliability and Security, ARES 2025, which took place in Ghent, Belgium, during August 11-14, 2025. The 79 full papers presented in this book were carefully reviewed and selected from 173 submissions. They contain papers of the following workshops: Part I: First International Workshop on Artificial Intelligence, Cyber and Cyber-Physical Security (AI&CCPS 2025); 8th International Symposium for Industrial Control System and SCADA Cyber Security Research (ICS-CSR 2025); First Workshop on Sustainable Security and Awareness For nExt Generation InfRastructures (SAFER 2025); 4th Workshop on Cybersecurity in Industry 4.0 (SecIndustry 2025). Part II: 6th Workshop on Recent Advances in Cyber Situational Awareness and Data-Centric Approaches (CSA 2025); First International Workshop on Responsible Data Governance, Privacy, and Digital Transformation (RDGPT 2025); 22nd International Workshop on Trust, Privacy and Security in the Digital Society (TrustBus 2025). Part III: 18th International Workshop on Digital Forensics (WSDF 2025); 14th International Workshop on Cyber Crime (IWCC 2025); 9th International Workshop on Cyber Use of Information Hiding (CUING 2025). Part IV: First International Workshop on Cybersecurity and Privacy Risk Assessments (CPRA 2025); Second International Workshop on Emerging Digital Identities (EDId 2025); Second International Workshop on Security and Privacy Enhancing Technologies for Multimodal Data (SPETViD 2025); 6th International Workshop on Graph-based Approaches for CyberSecurity (GRASEC 2025); 5th International Workshop on Behavioral Authentication for System Security (BASS 2025).
