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Disciplina	004.6
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Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
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Nota di contenuto	-- AI/ML & Security. -- Towards Explainable Drift Detection and Early Retrain in ML-based Malware Detection Pipelines. -- InferONNX: Practical and Privacy-preserving Machine Learning Inference using Trusted Execution Environments. -- Hiding in Plain Sight: On the Robustness of AI-generated code detection. -- FlexGE: Towards Secure and Flexible Model Partition for Deep Neural Networks. -- Poster: Exploring the Zero-Shot Potential of Large Language Models for Detecting Algorithmically Generated Domains. -- Poster: Using Machine Learning to Infer Network Structure from Security Metadata. -- Android & Patches. -- More Than You Signed Up For: Exposing Gaps in the Validation of Android's App Signing. -- An Empirical Study of Multi-Language Security Patches in Open Source Software. -- Red Light for Security: Uncovering Feature Check and Access Control Gaps in AAOS. -- Poster: SPECK: From Google Textual Guidelines to

Automatic Detection of Android Apps Vulnerabilities. -- OS & Network.
-- Taming the Linux Memory Allocator for Rapid Prototyping. -- Linux
hurt itself in its confusion! Exploiting Out-of-Memory Killer for
Confusion Attacks via Heuristic Manipulation. -- Overlapping data in
network protocols: bridging OS and NIDS reassembly gap. -- Poster:
On the Usage of Kernel Shadow Stacks for User-Level Programs. --
Referencing your Privileges - A Data-Only Exploit Technique for the
Windows Kernel. -- Resilient Systems. -- PackHero: A Scalable Graph-
based Approach for Efficient Packer Identification. -- A History of
Greed: Practical Symbolic Execution for Ethereum Smart Contracts. --
FAULTLESS: Flexible and Transparent Fault Protection for Superscalar
RISC-V Processors. -- Poster: Building Confidence in Hardware-based
Ransomware Detection through Hardware Performance Counter Event
Correlation. -- Poster: FedBlockParadox - A Framework for Simulating
and Securing Decentralized Federated Learning.

Sommario/riassunto

The two-volume set LNCS 15747 and 15748 constitutes the refereed
conference proceedings of the 12nd International Conference on
Detection of Intrusions and Malware, and Vulnerability Assessment,
DIMVA 2025, held in Graz, Austria, during July 9–11, 2025. The 25
revised full papers and 11 posters are presented in these proceedings
were carefully reviewed and selected from 103 submissions. The
papers are organized in the following topical sections: Part I: Web
Security; Vulnerability Detection; Side channels; and Obfuscation. Part
II: AI/ML & Security; Android & Patches; OS & Network; and Resilient
Systems.
