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Nota di contenuto	AI and Cybersecurity -- An Adversarial Robustness Benchmark for Enterprise Network Intrusion Detection -- Securing Smart Vehicles through Federated Learning -- Using Reed-Muller Codes for Classification with Rejection and Recovery -- Unsupervised Clustering of Honeypot Attacks by Deep HTTP Packet Inspection -- Security Analysis -- Practices for Assessing the Security Level of Solidity Smart Contracts -- Effectiveness of Binary-Level CFI Techniques -- A Small World-Privacy Preserving IoT Device-type Fingerprinting with Small Datasets -- URSID: Automatically Refining a Single Attack Scenario into Multiple Cyber -- Phishing and Social Network -- Does the Anchoring Effect Influence Individuals' Anti-Phishing Behavior? -- IntelliTweet: a Multifaceted Feature Approach to Detect Malicious Tweets -- Web Scams Detection System -- Vulnerabilities and Exploits -- VulMAE: Graph Masked Autoencoders for VulnerabilityDetection from Source and Binary Codes -- Analysis of Cryptographic CVEs: Lessons Learned

and Perspectives -- A BERT-Based Framework for Automated Extraction of Indicators of Compromise from Security Incident Reports -- Enhancing Code Security Through Open-source Large Language Models: A Comparative Study -- Network and System Threat -- Green-Fuzz: Efficient Fuzzing for Network Protocol Implementations -- Unmasking of Maskware: Detection and Prevention of Next-Generation Mobile Crypto-Ransomware -- Automated Attacker Behaviour Classification Using Threat Intelligence Insights -- UDP state manipulation: description of a Packet Filtering vulnerability in Stateful firewalls -- Malware Analysis -- Following the Obfuscation Trail: Identifying and Exploiting Obfuscation Signatures in Malicious Code -- On Exploiting Symbolic Execution to Improve the Analysis of RAT Samples with angr -- Original Entry Pointdetection based on graph similarity -- Attacking and Securing the Clock Randomization and Duplication Side-Channel Attack Countermeasure -- Security Design -- Hardening Systems Against Data Corruption Attacks at Design Time -- Design of an Efficient Distributed Delivery Service for Group Key Agreement Protocols -- A shared key recovery attack on a masked implementation of CRYSTALS-Kyber's encapsulation algorithm -- Tight Differential Privacy Guarantees for the Shuffle Model with k-Randomized Response.

Sommario/riassunto

This book constitutes the refereed proceedings of the 16th International Symposium on Foundations and Practice of Security, FPS 2023, held in Bordeaux, France, during December 11–13, 2023. The 27 regular and 8 short papers presented in this book were carefully reviewed and selected from 80 submissions. The papers have been organized in the following topical sections: Part I: AI and cybersecurity, security analysis, phishing and social network, vulnerabilities and exploits, network and system threat, malware analysis. Part II : security design, short papers. .
