1. Record Nr.            UNINA9910878069103321

   Autore              Pitropakis Nikolaos

   Titolo              ICT Systems Security and Privacy Protection : 39th IFIP International Conference, SEC 2024, Edinburgh, UK, June 12–14, 2024, Proceedings / / edited by Nikolaos Pitropakis, Sokratis Katsikas, Steven Furnell, Konstantinos Markantonakis

   Pubbl/distr/stampa   Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024

   ISBN                3-031-65175-8

   Edizione            [1st ed. 2024.]

   Descrizione fisica   1 online resource (509 pages)

   Collana             IFIP Advances in Information and Communication Technology, , 1868-422X ; ; 710

   Altri autori (Persone)   KatsikasSokratis
                            FurnellSteven
                            MarkantonakisKonstantinos

   Disciplina          004

   Soggetti            Computers
                       Computer networks
                       Cryptography
                       Data encryption (Computer science)
                       Computing Milieux
                       Computer Communication Networks
                       Cryptology

   Lingua di pubblicazione   Inglese

   Formato             Materiale a stampa

   Livello bibliografico   Monografia

   Nota di contenuto   -- Towards a Mobility-Aware Trust Model for the Internet of Underwater Things.  -- Rasd: Semantic Shift Detection and Adaptation for Multi-Classification NIDS.  -- Reduce to the MACs - Privacy Friendly Generic Probe Requests.  -- PRIDA: PRIvacy-preserving Data Aggregation with multiple data customers.  -- Keep your memory dump shut: Unveiling data leaks in password managers.  -- DryJIN: Detecting Information Leaks in Android Applications.  -- Bruteware: A Novel Family of Cryptoviral Attacks.  -- Towards Practical Hardware Fingerprinting for Remote Attestation.  -- Examining the Strength of Three Word Passwords.  -- Can Synthetic Data preserve Manifold properties?.  -- "Alexa, How Do You Protect My Privacy?" A Quantitative Study of User Preferences and Requirements about Smart Speaker

Privacy Settings. -- Putting Authorization Servers on User-owned Devices in User-Managed Access. -- Identification of cyber threats and vulnerabilities in Norwegian distribution networks. -- Chain of trust: Unraveling references among Common Criteria certified products. -- LightArmor: A Lightweight Trusted Operating System Isolation Approach for Mobile Systems. -- Satellite: Effective and Efficient Stack Memory Protection Scheme for Unsafe Programming Languages. -- Neurosymbolic learning in the XAI framework for enhanced cyberattack detection with expert knowledge integration. -- Transforming EU Governance: The Digital Integration through EBSI and GLASS. -- Malicious Insider Threat Detection Using Sentiment Analysis Of Social Media Topics. -- A Structural-Semantic Approach Integrating Graph-based and Large Language Models Representation to Detect Android Malware. -- Session Replication Attack through QR Code Sniffing in Passkey CTAP Registration. -- GAD: A Real-time Gait Anomaly Detection System with Online Adaptive Learning. -- Queuing Theoretic Analysis of Dynamic Attribute-based Access Control Systems. -- IPEQ: Querying Multi-Attribute Records with Inner Product Encryption. -- Hiding Your Awful Online Choices Made More Efficient and Secure: A New Privacy-Aware Recommender System. -- Cognition Behind Access Control: A Usability Comparison of Rule and Category-based Mechanisms. -- Obfuscating Code Vulnerabilities against Static Analysis in Android Apps. -- Large Scale Heap Dump Embedding for Machine Learning: Predicting OpenSSH Key Locations. -- Multi-Method Approach to Human Expertise, Automation, and Artificial Intelligence for Vulnerability Management. -- Detecting Web Bots via Keystroke Dynamics. -- Exploring a Low-Cost Hardware Reverse Engineering Approach: A Use Case Experiment. -- Cross-validation for Detecting Label Poisoning Attacks: A Study on Random Forest Algorithm. -- Xproofs: New Aggregatable and Maintainable Matrix Commitment with Optimal Proof Size. -- Predicting the execution time of secure neural network inference.

| | |
|---|---|
| Sommario/riassunto | This book constitutes the proceedings of the 39th IFIP International Conference on ICT Systems Security and Privacy Protection, SEC 2024, held in Edinburgh, UK, during June 12–14, 2024. The 34 full papers presented were carefully reviewed and selected from 112 submissions. The conference focused on current and future IT Security and Privacy Challenges and also was a part of a series of well-established international conferences on Security and Privacy. |