

1. Record Nr.	UNINA9910841866603321
Titolo	Smart Card Research and Advanced Applications : 22nd International Conference, CARDIS 2023, Amsterdam, The Netherlands, November 14–16, 2023, Revised Selected Papers / / edited by Shivam Bhasin, Thomas Roche
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	9783031544095
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (282 pages)
Collana	Lecture Notes in Computer Science, , 1611-3349 ; ; 14530
Disciplina	621.381
Soggetti	Cryptography Data encryption (Computer science) Computer networks Computer systems Coding theory Information theory Computer networks - Security measures Computer science - Mathematics Cryptology Computer Communication Networks Computer System Implementation Coding and Information Theory Mobile and Network Security Mathematics of Computing
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	Fault Attacks: Microarchitectural Insights into Unexplained Behaviors under Clock Glitch Fault Injection -- An in-depth security evaluation of the Nintendo DSi gaming console -- A Differential Fault Attack against Deterministic Falcon Signatures -- Fault Attacks Sensitivity of Public Parameters in the Dilithium Verification -- Side-Channel Analysis: Attacking at non-harmonic frequencies in screaming-channel attacks -- Bernoulli at the Root of Horizontal Side Channel Attacks -- Blind

Side Channel Attack against AEAD with a Belief Propagation Approach  
-- Leveraging Coprocessors as Noise Engines in Off-the-Shelf  
Microcontrollers -- Smartcards & Efficient Implementations: The  
adoption rate of JavaCard features by certified products and open-  
source projects -- PQ.V.ALU.E: Post-Quantum RISC-V Custom ALU  
Extensions on Dilithium and Kyber -- Side-Channel & Neural Networks:  
Keep it unsupervised: Horizontal attacks meet simple classifiers --  
Deep Stacking Ensemble Learning applied to Profiling Side-Channel  
Attacks -- Like an Open Book? Read Neural Network Architecture with  
Simple Power Analysis on 32-bit Microcontrollers.

**Sommario/riassunto**

This book constitutes the proceedings of the 22nd International Conference on Smart Card Research and Advanced Applications, CARDIS 2023, held in Amsterdam, The Netherlands, during November 14–16, 2023. The 13 full papers presented in this volume were carefully reviewed and selected from 28 submissions. They were organized in topical sections as follows: fault attacks; side-channel analysis; smartcards & efficient Implementations; and side-channel & neural networks.

**2. Record Nr.**

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**Titolo**

Future Access Enablers for Ubiquitous and Intelligent Infrastructures :  
5th EAI International Conference, FABULOUS 2021, Virtual Event, May 6–  
7, 2021, Proceedings // edited by Dragan Perakovic, Lucia Knapcikova

**Pubbl/distr/stampa**

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2021

**ISBN**

3-030-78459-2

**Edizione**

[1st ed. 2021.]

**Descrizione fisica**

1 online resource (425 pages)

**Collana**

Lecture Notes of the Institute for Computer Sciences, Social Informatics  
and Telecommunications Engineering, , 1867-822X ; ; 382

**Disciplina**

004

**Soggetti**

Computer engineering  
Computer networks  
Coding theory  
Information theory  
Application software  
Computer Engineering and Networks  
Coding and Information Theory  
Computer and Information Systems Applications

Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di contenuto	<p>Effectiveness of Mobile Wiping Applications -- A Self-organized Adaptation of Spreading Factor for LoRa Radio Layer Based on Experimental Study -- A Design of Energy Efficient Nanorouting Protocol using Flash crowd management in Beyond 5G systems -- Mutual Authentication Protocol for Secure VANET Data Exchanges -- Analysis of MPLS and SD-WAN Network Performances Using GNS3 -- The role of CNN for Intrusion Detection Systems: An Improved CNN Learning Approach for SDNs -- Automation of Network Device Configuration Using Zero-Touch Provisioning - A Case Study -- Multilayer network analysis: the identification of key actors in a Sicilian Mafia operation -- Enhanced European Internet of Things (IoT) Platform Assessment Key Performance Indicators (KPIs) -- Categorizing IoT Services According to Security Risks -- Analysis of IoT Concept Applications: Smart Home Perspective -- SMART production system with full digitalization for assembly and inspection in concept of Industry 4.0 -- Production quality control using the Industry 4.0 concept -- Smart Factory Environment Review of Security Threats and Risks -- Embedded Machine Learning for machine condition monitoring -- Analysis of aviation pollution in the selected regions of the world -- Smart UAV Monitoring system for Parking Supervision -- Object Detection and Mapping with an Unmanned Aerial Vehicles Using Neural Convolution Network -- Information and communication architecture of the passenger information system on the railway network of the Republic of Croatia -- Application of Gaussian Processes for Magnetic Field Maps Estimation -- User Quality of Experience Comparison between Skype, Microsoft Teams and Zoom Video Conferencing Tools -- Investigating Protected Health Information Leakage from Android Medical Applications -- Multifunctional Smart Disinfectant -- Augmented Reality as a Tool of Increasing of Competitiveness of Enterprise -- Sustainable constructions supported by ecological smart technologies -- The utilization of renewable energysources in the construction and maintenance of transport infrastructure -- Evaluation Methods of Investments to Mobile Applications and Smart Technology in Construction Projects -- Robust Stability and Performance Investigation of Electrohydraulic Steering Control System -- Augmented reality as a Tool of Increasing the Efficiency of RFID Technology.</p>
Sommario/riassunto	<p>This book constitutes the refereed post-conference proceedings of the 5th International Conference on Future Access Enablers for Ubiquitous and Intelligent Infrastructures, FABULOUS 2021, held in May 2021. Due to COVID-19 pandemic the conference was held virtually. This year's conference topic covers security of innovative services and infrastructure in traffic, transport and logistic ecosystems. The 30 revised full papers were carefully reviewed and selected from 60 submissions. The papers are organized in thematic sessions on: Internet of things and smart city; smart environment applications; information and communications technology; smart health applications; sustainable communications and computing infrastructures.</p>