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Collana	Security and Cryptology ; ; 11897
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Soggetti	Computer security Computers Computer communication systems Data encryption (Computer science) Artificial intelligence Systems and Data Security Information Systems and Communication Service Computer Communication Networks Computing Milieux Cryptology Artificial Intelligence
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Show me your Account: Detecting MMORPG Game Bot Leveraging Financial Analysis with LSTM -- Turn On the Lights: User Behavior in Game Environment Using CPTED -- QR Code Watermarking for Digital Images -- FSF: Code Coverage-Driven Fuzzing for Software-Defined Networking -- DroPPP: A P4 Approach to Mitigating DoS Attacks in SDN -- A Secure and Self-Tallying E-Voting System Based on Blockchain -- An Extended CTRT for AES-256 -- A Blind Ring Signature Based on the Short Integer Solution Problem -- A Note on the Invisibility and Anonymity of Undeniable Signature Schemes -- Zero-Knowledge Proof System for Fully Anonymous Attribute Based Group Signatures from Lattices with VLR -- Catching the Phish: Detecting Phishing Attacks

Using Recurrent Neural Networks (RNSS) -- CAPTCHA Image Generation
Using Style Transfer Learning in Deep Neural Network -- A New
Password Cracking Model with Generative Adversarial Networks --
Reversible Data Hiding in Homomorphic Encrypted Images Without
Preprocessing -- Model Selection for Data Analysis in Encrypted
Domain: Application to Simple Linear Regression -- Timed-Release
Encryption with Master Time Bound Key -- Is it Possible to Hide My Key
into Deep Neural Network -- RC PUF: A Low-Cost and an Easy-to-
Design PUF for Resource-Constrained IoT Devices -- On the
Automation of Security Testing for IoT Constrained Scenarios -- Cyber
Deception in the Internet of Battlefield Things: Techniques, Instances,
and Assessments -- Secret Sharing on Evolving Multi-Level Access
Structure -- Strengthened PAKE Protocols Secure Against Malicious
Private Key Generator -- Efficient Decentralized Random Commitment
Key Generation for Mixnet Shuffle Proof -- Ring-LWE on 8-bit AVR
Embedded Processor -- Low-Noise LLC Side-Channel Attack with Perf
-- Optimized SIKE Round 2 on 64-bit ARM -- Shedding Light on Dark
Korea: An In-Depth Analysis and Profiling of the Dark Web in Korea --
An SGX-Based Key Management Framework for Data Centric
Networking -- Zero-Knowledge Proof System for Fully Anonymous
Attribute Based Group Signatures from Lattices with VLR.

Sommario/riassunto

This book constitutes the thoroughly refereed post-conference proceedings of the 20th International Conference on Information Security Applications, WISA 2019, held on Jeju Island, South Korea, in August 2019. The 29 revised full papers presented in this volume were carefully reviewed and selected from 63 submissions. The primary focus of WISA 2019 was on systems and network security including all other technical and practical aspects of security application in general. The papers are grouped in the following topical sections: Application and Game Security; Network Security and Blockchain; Cryptography; Security with AI and Machine Learning; IoT Security; Hardware Security; and Selected Security Issues.
