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Altri autori (Persone)	YungMoti LiuZheli ChenXiaofeng
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Lingua di pubblicazione	Inglese
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Nota di contenuto	Symmetric-Key Cryptography -- SAT-aided Differential Cryptanalysis of Lightweight Block Ciphers Midori, MANTIS and QARMA -- Improved

Related-Key Rectangle Attack against the Full AES-192 -- Block
Ciphers Classification Based on Randomness Test Statistic Value via
LightGBM -- Cryptanalysis of Two White-Box Implementations of the
CLEFIA Block Cipher -- PAE: Towards More Efficient and BBB-secure AE
From a Single Public Permutation -- Public-Key Cryptography -- A
Polynomial-time Attack on G2SIDH -- Improvements of Homomorphic
Secure Evaluation of Inverse Square Root -- Oblivious Transfer from
Rerandomizable PKE -- Forward Secure Lattice-based Ring Signature
Scheme in the Standard Model -- Applied Cryptography -- Secure
Multi-Party Computation with Legally-Enforceable Fairness -- On-
demand Allocation of Cryptographic Computing Resource with Load
Prediction -- Private Message Franking with After Opening Privacy --
Semi-Honest 2-Party Faithful Truncation from Two-Bit Extraction --
Outsourcing Verifiable Distributed Oblivious Polynomial Evaluation
from Threshold Cryptography -- Authentication and Authorization --
PiXi: Password Inspiration by Exploring Information -- Security Analysis
of Alignment-Robust Cancelable Biometric Scheme for Iris Verification
-- A Certificateless Conditional Anonymous Authentication Scheme for
Satellite Internet of Things -- BLAC: A Blockchain-based Lightweight
Access Control Scheme in Vehicular Social Networks -- Privacy and
Anonymity -- Link Prediction-Based Multi-Identity Recognition of
Darknet Vendors -- CryptoMask: Privacy-preserving Face Recognition
-- Efficient Private Multiset ID Protocols -- Zoomer: A Website
Fingerprinting Attack against Tor Hidden Services -- An Enhanced
Privacy-preserving Hierarchical Federated Learning Framework for IoV
-- Security and Privacy of AI -- Revisiting the Deep Learning-based
Eavesdropping Attacks via Facial Dynamics from VR Motion Sensors --
Multi-scale Features Destructive Universal Adversarial Perturbations --
Pixel-Wise Reconstruction of Private Data in Split Federated Learning --
Neural Network Backdoor Attacks Fully Controlled by Composite
Natural Utterance Fragments -- Black-Box Fairness Testing with
Shadow Models -- Graph Unlearning using Knowledge Distillation --
AFLOW: Developing Adversarial Examples under Extremely Noise-
limited Settings -- Learning to Detect Deepfakes via Adaptive Attention
and Constrained Difference -- A Novel Deep Ensemble Framework for
Online Signature Verification Using Temporal and Spatial
Representation -- Blockchain and Cryptocurrencies -- SCOPE: A Cross-
Chain Supervision Scheme for Consortium Blockchains -- Subsidy
Bridge: Rewarding Cross-blockchain Relayers with Subsidy -- Towards
Efficient and Privacy-Preserving Anomaly Detection of Blockchain-
based Cryptocurrency Transactions -- Blockchain based Publicly
Auditable Multi-Party Computation with Cheater Detection -- BDTS:
Blockchain-based Data Trading System -- Illegal Accounts Detection on
Ethereum using Heterogeneous Graph Transformer Networks -- System
and Network security -- DRoT: A Decentralised Root of Trust for
Trusted Networks -- Finding Missing Security Operation Bugs via
Program Slicing and Differential Check -- TimeClave: Oblivious In-
enclave Time series Processing System -- Efficient and Appropriate Key
Generation Scheme in Different IoT Scenarios -- A Fake News Detection
Method Based on A Multimodal Cooperative Attention Network.

Sommario/riassunto

This volume LNCS 14252 constitutes the refereed proceedings of 25th International Conference on Information and Communications Security, ICICS 2023, held in Tianjin, China, during November 18–20, 2023. The 38 full papers presented together with 6 short papers were carefully reviewed and selected from 181 submissions. The conference focuses on: Symmetric-Key Cryptography; Public-Key Cryptography; Applied Cryptography; Authentication and Authorization; Privacy and Anonymity; Security and Privacy of AI; Blockchain and Cryptocurrencies;

