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Nota di contenuto	Authentication -- Pulse to-Pair: Heartbeat based Authentication of IoT Devices for Elderly Care -- A Lightweight Group Authentication Framework for Cross Domain Internet of Things -- DPU LARD: DPU Leveraged Attestation of Remote Devices for Security of OT Networks -- Gait4Auth: Enhancing Identification and Security in Gait Based Authentication -- A Hardware Oriented Lightweight Block Cipher and Its Application in Surveillance Video -- TGSA: Trajectory Group Semantic Anonymization -- Large Language Model for Cybersecurity --

Can't say cant? Measuring and Reasoning of Dark Jargons in Large Language Models -- Cybersecurity with LLMs and RAGs: Challenges and Innovations -- Enhancing Pre Trained Language Models for Vulnerability Detection via Semantic Preserving Data Augmentation -- K-BOOST: A Cyber Security NER Model with Knowledge Augmentation via BERT -- FLKT: Improving the Fidelity and Robustness of Federated Learning Aggregation Rules via the Key data and Trap model -- Poisoning Attack on Federated Learning with Non IID Data: A Historical-Global-Model-Based Approach -- Security Assessments -- A Comprehensive Evaluation of the Impact on Tor Network Anonymity Caused by ShadowBridge -- ADG-Dedup: Adaptive Dynamic Grained Deduplication Scheme for IoT Data in Cloud Storage -- Enhancing Reliability in Open Rating Systems: A Trust Aware Filtering Approach -- Graph Injection Attack based on Node Similarity and Non linear Feature Injection Strategy -- Assessing and Prioritizing Ransomware Risk Based on Historical Victim Data -- Solving ILWE Problem More Efficiently and Application to BLISS Side Channel Attack.

Sommario/riassunto

This four-volume set LNISCT 627-630 constitutes the proceedings of the 20th EAI International Conference on Security and Privacy in Communication Networks, SecureComm 2024, held in Dubai, United Arab Emirates during October 28 - 30, 2024. The 81 full papers were carefully reviewed and selected from 225 submissions. The proceedings focus on Privacy and Cryptography AI for cybersecurity and Adversarial models Quantum Computing in Cybersecurity Network Security Blockchain and Cryptocurrencies Fuzzing and IoT security Malware and Attack Analysis Web Security Authentication Large Language Model for Cybersecurity Security Assessments.
