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Nota di contenuto	On the Security of Tan et al. Serverless RFID Authentication and Search Protocols -- Yet Another Ultralightweight Authentication Protocol That Is Broken.- Improved Anonymity for Key-Trees- Hidden Bits Approach for Authentication in RFID Systems.- Designated Attribute-Based Proofs for RFID Applications.- T-Match: Privacy-Preserving Item Matching for Storage-Only RFID Tags.- Private Yoking Proofs: Attacks, Models and New Provable Constructions.- Privacy Preserving Payments on Computational RFID Devices with Application in Intelligent

Transportation Systems.- Weakening Passports through Bad Implementations.- Never Trust a Bunny.- On Using Instruction-Set Extensions for Minimizing the Hardware-Implementation Costs of Symmetric-Key Algorithms on a Low-Resource Microcontroller.- DRV-Fingerprinting: Using Data Retention Voltage of SRAM Cells for Chip Identification. et al. Serverless RFID Authentication and Search Protocols -- Yet Another Ultralightweight Authentication Protocol That Is Broken. - Improved Anonymity for Key-Trees- Hidden Bits Approach for Authentication in RFID Systems.- Designated Attribute-Based Proofs for RFID Applications.- T-Match: Privacy-Preserving Item Matching for Storage-Only RFID Tags.- Private Yoking Proofs: Attacks, Models and New Provable Constructions.- Privacy Preserving Payments on Computational RFID Devices with Application in Intelligent Transportation Systems.- Weakening Passports through Bad Implementations.- Never Trust a Bunny.- On Using Instruction-Set Extensions for Minimizing the Hardware-Implementation Costs of Symmetric-Key Algorithms on a Low-Resource Microcontroller.- DRV-Fingerprinting: Using Data Retention Voltage of SRAM Cells for Chip Identification.

Sommario/riassunto

This book constitutes the thoroughly refereed post-workshop proceedings of the 8th International Workshop Radio Frequency Identification: Security and Privacy Issues, RFIDSec 2012, held in Nijmegen, The Netherlands, in July 2012. The 12 revised full papers presented were carefully reviewed and selected from 29 submissions for inclusion in the book. The papers focus on approaches to solve security and data protection issues in advanced contactless technologies.
