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Collana	Security and Cryptology ; ; 8651
Disciplina	621
Soggetti	Computer security Data encryption (Computer science) Computer communication systems E-commerce Systems and Data Security Cryptology Computer Communication Networks e-Commerce/e-business
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Lightweight Authentication Protocols on Ultra-Constrained RFIDs - Myths and Facts -- High-Speed Dating - Privacy-Preserving Attribute Matching for RFID -- Massively Parallel Identification of Privacy-Preserving Vehicle RFID Tags -- PIONEER - A Prototype for the Internet of Things Based on an Extendable EPC Gen2 RFID Tag -- SeAK: Secure Authentication and Key Generation Protocol Based on Dual Antennas for Wireless Body Area Networks -- Cryptanalysis of SIMON Variants with Connections -- Privacy-Preserving Authorized RFID Authentication Protocols -- Energy Budget Analysis for Signature Protocols on a Self-powered Wireless Sensor Node -- High Throughput in Slices: The Case of PRESENT, PRINCE and KATAN64 Ciphers -- Curved Tags - A Low-Resource ECDSA Implementation Tailored for RFID Tags -- ePassport: Side Channel in the Basic Access Control -- A Low Area Probing

Detector for Power Efficient Security ICs -- Non-Linear Collision Analysis.

Sommario/riassunto

This book constitutes the refereed post-proceedings of the 10th Workshop on RFID Security and Privacy, RFIDSec 2014, held in Oxford, UK, in 2014. The 9 revised full papers and 4 short papers presented in this volume were carefully reviewed and selected from 27 submissions. The papers deal with topics such as RFID power-efficiency, privacy, authentication and side channels, and key exchange.