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Soggetti	Computer security Data encryption (Computer science) Computer organization Systems and Data Security Cryptology Computer Systems Organization and Communication Networks
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Nota di contenuto	Sweet Dreams and Nightmares: Security in the Internet of Things -- A Security Analysis of Key Expansion Functions Using Pseudorandom Permutations -- Towards More Practical Time-Driven Cache Attacks -- Orthogonal Direct Sum Masking: A Smartcard Friendly Computation Paradigm in a Code, with Built in Protection against Side-Channel and Fault Attacks -- New Countermeasures against Fault and Software Type Confusion Attacks on Java Cards -- A Pre-processing Composition for Secret Key Recovery on Android Smartphone -- Usable Privacy for Mobile Sensing Applications -- A Secure Genetic Algorithm for the Subset Cover Problem and Its Application to Privacy Protection -- End-to-End Secure and Privacy Preserving Mobile Chat Application -- S-box, SET, Match: A Toolbox for S-box Analysis -- Policy-Based Access Control for Body Sensor Networks -- Personal Identification in the Web Using Electronic Identity Cards and a Personal Identity Provider -- CAN Bus Risk Analysis Revisit -- AU2EU: Privacy-Preserving Matching of

DNA Sequences -- Early DDoS Detection Based on Data Mining Techniques.

Sommario/riassunto

This volume constitutes the refereed proceedings of the 8th IFIP WG 11.2 International Workshop on Information Security Theory and Practices, WISTP 2014, held in Heraklion, Crete, Greece, in June/July 2014. The 8 revised full papers and 6 short papers presented together with 2 keynote talks were carefully reviewed and selected from 33 submissions. The papers have been organized in topical sections on cryptography and cryptanalysis, smart cards and embedded devices, and privacy.
