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Soggetti	Data encryption (Computer science) Computer engineering Computer security Special purpose computers Computer communication systems Operating systems (Computers) Cryptology Computer Engineering Systems and Data Security Special Purpose and Application-Based Systems Computer Communication Networks Operating Systems
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Nota di bibliografia	Includes bibliographical references at the end of each chapters and index.
Nota di contenuto	Invited Talk -- Protecting Consumer Security Devices -- Contributed Papers -- Jakarta: A Toolset for Reasoning about JavaCard -- Mechanising a Protocol for Smart Cards -- JCCM: Flexible Certificates for smartcards with Java Card -- Context Inference for Static Analysis of Java Card Object Sharing -- Automated Test and Oracle Generation for Smart-Card Applications -- An Internet Authorization Scheme Using Smart-Card-Based Security Kernels -- Turning Multi-applications Smart Cards Services Available from Anywhere at Anytime: A SOAP/MOM Approach in the Context of Java Cards -- An Operational

Semantics of the Java Card Firewall -- CardS4: Modal Theorem Proving on Java Smartcards -- iButton Enrolment and Verification Requirements for the Pressure Sequence Smartcard Biometric -- SIMspeak - Towards an Open and Secure Application Platform for GSM SIMs -- On-Card Bytecode Verification for Java Card -- Towards a Full Formal Specification of the JavaCard API -- Protection Profiles and Generic Security Targets for Smart Cards as Secure Signature Creation Devices- Existing Solutions for the Payment Sector -- A Flexible Invocation Framework for Java Card -- ElectroMagnetic Analysis (EMA): Measures and Counter-measures for Smart Cards -- Information Leakage Attacks against Smart Card Implementations of the Elliptic Curve Digital Signature Algorithm -- Use of Biometrics for User Verification in Electronic Signature Smartcards -- Programming Internet Smartcard with XML Scripts -- Public-Key-Based High-Speed Payment (Electronic Money) System Using Contact-Less Smart Cards.
