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| | Soggetti | Computer communication systems<br>Data encryption (Computer science)<br>Computer security<br>Information storage and retrieval<br>Management information systems<br>Computer science<br>Biometrics (Biology)<br>Computer Communication Networks<br>Cryptology<br>Systems and Data Security<br>Information Storage and Retrieval<br>Management of Computing and Information Systems<br>Biometrics<br>Kalkutta (2009)<br>Kongress. |
| | Lingua di pubblicazione | Inglese |
| | Formato | Materiale a stampa |
| | Livello bibliografico | Monografia |
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| | Nota di bibliografia | Includes bibliographical references and index. |
| | Nota di contenuto | Keynote Talks -- A Survey of Voice over IP Security Research -- Security for a Smarter Planet -- The WOMBAT Attack Attribution Method: Some Results -- Biometrics and Security -- Authentication -- Remote |

Electronic Voting with Revocable Anonymity -- On Secure Implementation of an IHE XUA-Based Protocol for Authenticating Healthcare Professionals -- On the Untraceability of Anonymous RFID Authentication Protocol with Constant Key-Lookup -- Verification -- Biometric Identification over Encrypted Data Made Feasible -- Correcting and Improving the NP Proof for Cryptographic Protocol Insecurity -- Formal Verification of Security Policy Implementations in Enterprise Networks -- Systems Security -- Making Peer-Assisted Content Distribution Robust to Collusion Using Bandwidth Puzzles -- An E-Cash Based Implementation Model for Facilitating Anonymous Purchasing of Information Products -- DROP: Detecting Return-Oriented Programming Malicious Code -- Behavior Analysis -- A Framework for Behavior-Based Malware Analysis in the Cloud -- BARTER: Behavior Profile Exchange for Behavior-Based Admission and Access Control in MANETs -- Automatic Identification of Critical Data Items in a Database to Mitigate the Effects of Malicious Insiders -- Database Security -- Database Relation Watermarking Resilient against Secondary Watermarking Attacks -- A Robust Damage Assessment Model for Corrupted Database Systems -- A Generic Distortion Free Watermarking Technique for Relational Databases -- Cryptography -- On Some Weaknesses in the Disk Encryption Schemes EME and EME2 -- TWIS – A Lightweight Block Cipher -- Short Papers -- Quantitative Analysis of a Probabilistic Non-repudiation Protocol through Model Checking -- Method-Specific Java Access Control via RMI Proxy Objects Using Annotations -- Let Only the Right One IN: Privacy Management Scheme for Social Network -- Detecting and Resolving Misconfigurations in Role-Based Access Control (Short Paper).

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| Sommario/riassunto | This book constitutes the refereed proceedings of the 5th International Conference on Information Systems Security, ICISS 2009, held in Kolkata, India, in December 2009. The 17 revised full papers and 4 short papers, presented together with 4 keynote talks were carefully reviewed and selected from 85 initial submissions. The papers are organized in topical sections on authentication, verification, systems security, behavior analysis, database security, and cryptography. |