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Soggetti	Computer communication systems Data encryption (Computer science) Operating systems (Computers) Algorithms Computers and civilization Computers Law and legislation Computer Communication Networks Cryptography Operating Systems Algorithm Analysis and Problem Complexity Computers and Society Legal Aspects of Computing
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Invited Talks -- Some Applications of Polynomials for the Design of Cryptographic Protocols -- Secure Multi-party Computation Made Simple -- Forward Security -- Forward Secrecy in Password-Only Key Exchange Protocols -- Weak Forward Security in Mediated RSA -- Foundations of Cryptography -- On the Power of Claw-Free Permutations -- Equivocal and Extractable Commitment Schemes -- An Improved Pseudorandom Generator Based on Hardness of Factoring -- Intrusion-Resilient Signatures: Generic Constructions, or Defeating

Strong Adversary with Minimal Assumptions -- Key Management --  
Efficient Re-keying Protocols for Multicast Encryption -- On a Class of  
Key Agreement Protocols Which Cannot Be Unconditionally Secure -- A  
Group Key Distribution Scheme with Decentralised User Join --  
Cryptanalysis -- On a Resynchronization Weakness in a Class of  
Combiners with Memory -- On Probability of Success in Linear and  
Differential Cryptanalysis -- Differential Cryptanalysis of a Reduced-  
Round SEED -- System Security -- Medical Information Privacy  
Assurance: Cryptographic and System Aspects -- A Format-  
Independent Architecture for Run-Time Integrity Checking of  
Executable Code -- Signature Schemes -- How to Repair ESIGN --  
Forward-Secure Signatures with Fast Key Update -- Constructing  
Elliptic Curves with Prescribed Embedding Degrees -- A Signature  
Scheme with Efficient Protocols -- Zero Knowledge -- Efficient Zero-  
Knowledge Proofs for Some Practical Graph Problems -- Reduction  
Zero-Knowledge -- A New Notion of Soundness in Bare Public-Key  
Model -- Information Theory and Secret Sharing -- Robust  
Information-Theoretic Private Information Retrieval -- Trading Players  
for Efficiency in Unconditional Multiparty Computation -- Secret  
Sharing Schemes on Access Structures with Intersection Number Equal  
to One.

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