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Altri autori (Persone)	JonkerWillem <1962-> PetkovicMilan
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Soggetti	Data structures (Computer science) Information theory Database management Information storage and retrieval systems Computer networks Cryptography Data encryption (Computer science) Operating systems (Computers) Data Structures and Information Theory Database Management Information Storage and Retrieval Computer Communication Networks Cryptology Operating Systems
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Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Privacy Protection -- Indistinguishability: The Other Aspect of Privacy -- Sovereign Information Sharing Among Malicious Partners -- Temporal Context Lie Detection and Generation -- Secure Anonymization for Incremental Datasets -- Privacy Preserving Data Management -- Difference Set Attacks on Conjunctive Keyword Search

Schemes -- Off-Line Keyword Guessing Attacks on Recent Keyword Search Schemes over Encrypted Data -- Privacy Preserving BIRCH Algorithm for Clustering over Vertically Partitioned Databases -- Access Control -- Conflict of Interest in the Administrative Role Graph Model -- Two Phase Filtering for XML Access Control -- Hybrid Authorizations and Conflict Resolution -- Database Security -- Analysis of a Database and Index Encryption Scheme -- Problems and Fixes -- Information Disclosure by XPath Queries -- SPIDER: An Autonomic Computing Approach to Database Security Management.

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## Sommario/riassunto

Recent developments in computer, communication, and information technologies, along with increasingly interconnected networks and mobility have established new emerging technologies, such as ubiquitous computing and ambient intelligence, as a very important and unavoidable part of everyday life. However, this development has greatly influenced people's security concerns. As data is accessible anytime from anywhere, according to these new concepts, it becomes much easier to get unauthorized data access. As another consequence, the use of new technologies has brought some privacy concerns. It becomes simpler to collect, store, and search personal information and endanger people's privacy. Therefore, research in the area of secure data management is of growing importance, attracting the attention of both the data management and security research communities. The interesting problems range from traditional ones such as access control (with all variations, like role-based and/or context-aware), database security, operations on encrypted data, and privacy preserving data mining to cryptographic protocols. The call for papers attracted 33 papers both from universities and industry. The program committee selected 13 research papers for presentation at the workshop. These papers are also collected in this volume, which we hope will serve you as useful research and reference material.

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