

1. Record Nr.	UNISA996465954003316
Titolo	Research and Advanced Technology for Digital Libraries [[electronic resource]] : 7th European Conference, ECDL 2003, Trondheim, Norway, August 17-22, 2003. Proceedings // edited by Traugott Koch, Ingeborg T. Solvberg
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2003
ISBN	3-540-45175-7
Edizione	[1st ed. 2003.]
Descrizione fisica	1 online resource (XV, 536 p.)
Collana	Lecture Notes in Computer Science, , 0302-9743 ; ; 2769
Disciplina	025/.00285
Soggetti	Information storage and retrieval Library science Computers Database management Application software Multimedia information systems Information Storage and Retrieval Library Science Theory of Computation Database Management Information Systems Applications (incl. Internet) Multimedia Information Systems
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Bibliographic Level Mode of Issuance: Monograph
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Uses, Users, and User Interaction -- Users and Uses of Online Digital Libraries in France -- In Search for Patterns of User Interaction for Digital Libraries -- Detecting Research Trends in Digital Library Readership -- Evaluating the Changes in Knowledge and Attitudes of Digital Library Users -- Metadata Applications -- Towards a Role-Based Metadata Scheme for Educational Digital Libraries: A Case Study in Singapore -- Incorporating Educational Vocabulary in Learning Object Metadata Schemas -- Findings from the Mellon Metadata Harvesting

Initiative -- Semantic Browsing -- Metadata Editing by Schema -- Annotation and Recommendation -- Annotations: Enriching a Digital Library -- Identifying Useful Passages in Documents Based on Annotation Patterns -- Others Also Use: A Robust Recommender System for Scientific Libraries -- Automatic Classification and Indexing -- Cross-Lingual Text Categorization -- Automatic Multi-label Subject Indexing in a Multilingual Environment -- Automatic Induction of Rules for Classification and Interpretation of Cultural Heritage Material -- An Integrated Digital Library Server with OAI and Self-Organizing Capabilities -- Web Technologies -- YAPI: Yet Another Path Index for XML Searching -- Structure-Aware Query for Digital Libraries: Use Cases and Challenges for the Humanities -- Combining DAML+OIL, XSLT and Probabilistic Logics for Uncertain Schema Mappings in MIND -- Digitometric Services for Open Archives Environments -- Topical Crawling, Subject Gateways -- Search Engine-Crawler Symbiosis: Adapting to Community Interests -- Topical Crawling for Business Intelligence -- SozioNet: Networking Social Science Resources -- VASCODA: A German Scientific Portal for Cross-Searching Distributed Digital Resource Collections -- Architectures and Systems -- Scenario-Based Generation of Digital Library Services -- An Evaluation of Document Prefetching in a Distributed Digital Library -- An Architecture for Online Information Integration on Concurrent Resource Access on a Z39.50 Environment -- Knowledge Organization: Concepts -- The ADEPT Concept-Based Digital Learning Environment -- A User Evaluation of Hierarchical Phrase Browsing -- Visual Semantic Modeling of Digital Libraries -- Collection Building and Management -- Connecting Interface Metaphors to Support Creation of Path-Based Collections -- Managing Change in a Digital Library System with Many Interface Languages -- A Service for Supporting Virtual Views of Large Heterogeneous Digital Libraries -- Knowledge Organization: Authorities and Works -- A Framework for Unified Authority Files: A Case Study of Corporate Body Names in the FAO Catalogue -- geoXwalk -- A Gazetteer Server and Service for UK Academia -- Utilizing Temporal Information in Topic Detection and Tracking -- Automatic Conversion from MARC to FRBR -- Information Retrieval in Different Application Areas -- Musescape: A Tool for Changing Music Collections into Libraries -- A Digital GeoLibrary: Integrating Keywords And Place Names -- Document-Centered Collaboration for Scholars in the Humanities -- The COLLATE System -- Digital Preservation -- DSpace as an Open Archival Information System: Current Status and Future Directions -- Preserving the Fabric of Our Lives: A Survey of Web Preservation Initiatives -- Implementing Preservation Strategies for Complex Multimedia Objects -- Indexing and Searching of Special Document and Collection Information -- Distributed IR for Digital Libraries -- Reference Directed Indexing: Redeeming Relevance for Subject Search in Citation Indexes -- Space-Efficient Support for Temporal Text Indexing in a Document Archive Context -- Clustering Top-Ranking Sentences for Information Access.

Sommario/riassunto

Welcome to ECDL 2003 and to these conference proceedings, featuring all the papers presented at the 7th European Conference on Research and Advanced Technology for Digital Libraries. Following Pisa (1997), Heraklion (1998), Paris (1999), Lisbon (2000), Da- stadt (2001) and Rome (2002), ECDL 2003 in Trondheim reaches some of the northernmost shores of the continent. Being the seventh in an annual series of conferences represents, for better and for worse, a considerable tradition in the fast changing world of digit- library-related research and development. It is still a di?cult and slow job to change traditional forms and formats of communication at – and

related to – scientific conferences, and also to change participants' expectations. Yet each new conference builds upon the topics and communities involved in previous events and inherits the commitment to quality established by its predecessors. Each year, ECDL has to live up to its role of being “the major European forum focusing on digital libraries and associated technical, practical, and social issues,” bringing diverse disciplines and application communities together. There are still challenges in this respect ahead of us, but the quality and range of papers and other contributions, combined with opportunities for debate, should ensure that ECDL 2003 sets high standards for the future.

2. Record Nr.	UNINA9910299249203321
Autore	Li Yingjiu
Titolo	Leakage Resilient Password Systems // by Yingjiu Li, Qiang Yan, Robert H. Deng
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2015
ISBN	3-319-17503-3
Edizione	[1st ed. 2015.]
Descrizione fisica	1 online resource (74 p.)
Collana	SpringerBriefs in Computer Science, , 2191-5768
Disciplina	004 005.7 005.8 005.82 621.382
Soggetti	Computer security Computers Electrical engineering Data encryption (Computer science) Systems and Data Security Information Systems and Communication Service Communications Engineering, Networks Cryptography
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references.
Nota di contenuto	Leakage Resilient Password Systems: Attacks, Principles and Usability -- Cover Pad: A Leakage Resilient Password System on Touch-Screen Mobile Devices -- Shadow Key: A Practical Leakage Resilient Password System.
Sommario/riassunto	<p>This book investigates tradeoff between security and usability in designing leakage resilient password systems (LRP) and introduces two practical LRP systems named Cover Pad and ShadowKey. It demonstrates that existing LRP systems are subject to both brute force attacks and statistical attacks and that these attacks cannot be effectively mitigated without sacrificing the usability of LRP systems. Quantitative analysis proves that a secure LRP system in practical settings imposes a considerable amount of cognitive workload unless certain secure channels are involved. The book introduces a secure and practical LRP system, named Cover Pad, for password entry on touch-screen mobile devices. Cover Pad leverages a temporary secure channel between a user and a touch screen which can be easily realized by placing a hand shielding gesture on the touch screen. The temporary secure channel is used to deliver a hidden message to the user for transforming each password symbol before entering it on the touch screen. A user study shows the impact of these testing conditions on the users' performance in practice. Finally, this book introduces a new LRP system named ShadowKey. Shadow Key is designed to achieve better usability for leakage resilient password entry. It leverages either a permanent secure channel, which naturally exists between a user and the display unit of certain mobile devices, or a temporary secure channel, which can be easily realized between a user and a touch screen with a hand-shielding gesture. The secure channel protects the mappings between original password symbols and associated random symbols. Unlike previous LRP system users, Shadow Key users do not need to remember anything except their passwords. Leakage Resilient Password Systems is designed for professionals working in the security industry. Advanced-level students studying computer science and electrical engineering will find this brief full of useful material.</p>