1. Record Nr.   UNISA996465277403316

Titolo   Business information systems : 10th international conference, BIS 2007, Poznan, Poland, April 25-27, 2007. proceedings / / Witold Abramowicz

Pubbl/distr/stampa   New York, New York : , : Springer, , [2007]
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ISBN   1-280-93715-7
                         9786610937158
                         3-540-72035-9

Edizione   [1st ed. 2007.]

Descrizione fisica   1 online resource (666 p.)

Collana   Lecture notes in computer science ; ; 4439

Disciplina   658.4/038011

Soggetti   Business - Data processing
                         Information storage and retrieval systems

Lingua di pubblicazione Inglese

Formato   Materiale a stampa

Livello bibliografico   Monografia

Note generali   Description based upon print version of record.

Nota di contenuto   Keynote -- Security Issues for the Use of Semantic Web in E-Commerce -- Business Process Management -- Automatic Merging of Work Items in Business Process Management Systems -- Complex Events in Business Processes -- Collaborative E-Business Process Modelling: A Holistic Analysis Framework Focused on Small and Medium-Sized Enterprises -- A Conceptual Framework for Composition in Business Process Management -- Process Dependencies and Process Interference Rules for Analyzing the Impact of Failure in a Service Composition Environment -- A Survey of Comparative Business Process Modeling Approaches -- Web Services -- Web Service Discovery Based on Past User Experience -- The Service Modeling Process Based on Use Case Refactoring -- Scenarios and Techniques for Choreography Design -- Web Service-Based Specification and Implementation of Functional Components in Federated ERP-Systems -- SEEMP: Meaningful Service-Based Collaboration Among Labour Market Actors -- Towards a Digital Content Services Design Based on Triple Space -- Evaluating Quality of Web Services: A Risk-Driven Approach -- Proposal of an Architecture for a Biometrics Grid -- Ontologies -- An Ontology Slicing Method Based on Ontology Definition Metamodel -- Facilitating

Business Interoperability from the Semantic Web -- Efficient Automatic Selection of Semantically-Annotated Building Blocks for ERPs Customizing -- Towards Ontology-Driven Information Systems: Redesign and Formalization of the REA Ontology -- ProdLight: A Lightweight Ontology for Product Description Based on Datatype Properties -- A Context-Based Enterprise Ontology -- Extracting Violent Events From On-Line News for Ontology Population -- Improving the Accuracy of Job Search with Semantic Techniques -- Ontology-Based User Profiling -- Information Retrieval -- Xistree: Bottom-Up Method of XML Indexing -- Efficient Algorithms for Spatial Configuration Information Retrieval -- String Distance Metrics for Reference Matching and Search Query Correction -- Natural Language Technology for Information Integration in Business Intelligence -- Semantic Similarity Measure of Polish Nouns Based on Linguistic Features -- Automatic Document Structure Detection for Data Integration -- Bottom-Up Discovery of Clusters of Maximal Ranges in HTML Trees for Search Engines Results Extraction -- Usability of GeoWeb Sites: Case Study of Czech Regional Authorities Web Sites -- System Design -- Supporting Use-Case Reviews -- Investigation of Application Specific Metrics to Data Quality Assessment -- Tool-Supported Method for the Extraction of OCL from ORM Models -- Agents And Mobile Applications -- Model-Driven Architecture for Mobile Applications -- Automated Integration Tests for Mobile Applications in Java 2 Micro Edition -- Pitfalls of Agent System Development on the Basis of a Travel Support System -- Anticipative Agent Based System Synchronization Example -- Ubiquitous Commerce Business Models Based on Ubiquitous Media -- Context-Awareness in Mobile Service Meets Fine Location Estimate -- Decision Support -- Adaptive Fuzzy Inventory Control Algorithm for Replenishment Process Optimization in an Uncertain Environment -- Post Decision-Making Analysis of the Reengineering Process Supported by Simulation Methods -- Contextual Classifier Ensembles -- Social Issues -- An Algebraic Algorithm for Structural Validation of Social Protocols -- Long Tails and Analysis of Knowledge Worker Intranet Browsing Behavior -- A Trustworthy Email System Based on Instant Messaging -- Specific MIS Issues -- Towards Operationalizing Strategic Alignment of IT by Usage of Software Engineering Methods -- A Modelling Approach for Dynamic and Complex Capacities in Production Control Systems -- Product Line Architecture for RFID-Enabled Applications.

| Sommario/riassunto | BIS 2007 was the tenth in a series of international conferences on business information systems. The conference took place in Poznan, where it started in 1997. From the very beginning it has been recognized by professionals as a forum for the exchange and dissemination of topical research in the development, implementation, application and improvement of computer systems for business processes. The theme of this jubilee conference was "Semantic Integration of Data and Processes across Enterprises and Societies." The material collected in this volume covers research trends as well as current achievements and cutting-edge developments in the area of modern business information systems. A set of 51 papers were selected for the presentation during the main event and grouped around conference topics: Business Process Management, Web Services, Ontologies, Information Retrieval, System Design, Agents and Mobile Applications, Decision Support, Social Issues, Specific MIS Issues. The Program Committee consisted of almost 100 members that carefully evaluated all the submitted papers. This year their work was significantly harder as the number of submissions doubled compared to BIS 2006. As in previous years, they were supported by an online |

transparent review system. Once again we observed an increase in the quality of the reviews, thus sustaining the fairness of the final acceptance decisions. It not only raised the quality of the conference, but also positively affected the work of authors.