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Disciplina	658.4/038011
Soggetti	Application software Business information services Information storage and retrieval systems Data mining Computers and civilization Electronic data processing - Management Computer and Information Systems Applications IT in Business Information Storage and Retrieval Data Mining and Knowledge Discovery Computers and Society IT Operations
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 -- AModelling 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.
