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with Predictable Service Execution -- Event Driven Monitoring for Service Composition Infrastructures -- On Identifying and Reducing Irrelevant Information in Service Composition and Execution -- Propagation of Data Protection Requirements in Multi-stakeholder Web Services Systems -- Social Networks -- Refining Graph Partitioning for Social Network Clustering -- Fast Detection of Size-Constrained Communities in Large Networks -- Evolutionary Taxonomy Construction from Dynamic Tag Space -- Co-clustering for Weblogs in Semantic Space -- Web Data Mining -- A Linear-Chain CRF-Based Learning Approach for Web Opinion Mining -- An Unsupervised Sentiment Classifier on Summarized or Full Reviews -- Neighborhood-Restricted Mining and Weighted Application of Association Rules for Recommenders -- Semantically Enriched Event Based Model for Web Usage Mining -- Keyword Search -- Effective and Efficient Keyword Query Interpretation Using a Hybrid Graph -- From Keywords to Queries: Discovering the User's Intended Meaning -- Efficient Interactive Smart Keyword Search -- Relevant Answers for XML Keyword Search: A Skyline Approach -- Web Search I -- A Children-Oriented Re-ranking Method for Web Search Engines -- TURank: Twitter User Ranking Based on User-Tweet Graph Analysis -- Identifying and Ranking Possible Semantic and Common Usage Categories of Search Engine Queries -- Best-Effort Refresh Strategies for Content-Based RSS Feed Aggregation -- Mashup-Aware Corporate Portals -- Web Data Modeling -- When Conceptual Model Meets Grammar: A Formal Approach to Semi-structured Data Modeling -- Crowdsourced Web Augmentation: A Security Model -- Design of Negotiation Agents Based on Behavior Models -- High Availability Data Model for P2P Storage Network -- Recommender Systems -- Modeling Multiple Users' Purchase over a Single Account for Collaborative Filtering -- Interaction-Based Collaborative Filtering Methods for Recommendation in Online Dating -- Developing Trust Networks Based on User Tagging Information for Recommendation Making -- Towards Three-Stage Recommender Support for Online Consumers: Implications from a User Study -- RDF and Web Data Processing -- Query Relaxation for Star Queries on RDF -- Efficient and Adaptable Query Workload-Aware Management for RDF Data -- RaUL: RDFa User Interface Language -- A Data Processing Model for Web Applications -- Synchronising Personal Data with Web 2.0 Data Sources -- An Artifact-Centric Approach to Generating Web-Based Business Process Driven User Interfaces -- XML and Query Languages -- A Pattern-Based Temporal XML Query Language -- A Data Mining Approach to XML Dissemination -- Semantic Transformation Approach with Schema Constraints for XPath Query Axes -- Domain-Specific Language for Context-Aware Web Applications -- Web Search II -- Enishi: Searching Knowledge about Relations by Complementarily Utilizing Wikipedia and the Web -- Potential Role Based Entity Matching for Dataspaces Search -- Personalized Resource Search by Tag-Based User Profile and Resource Profile -- Incremental Structured Web Database Crawling via History Versions -- Web Information Systems -- An Architectural Style for Process-Intensive Web Information Systems -- Model-Driven Development of Adaptive Service-Based Systems with Aspects and Rules -- An Incremental Approach for Building Accessible and Usable Web Applications -- CPH-VoD: A Novel CDN-P2P-Hybrid Architecture Based VoD Scheme -- Information Retrieval and Extraction -- A Combined Semi-pipelined Query Processing Architecture for Distributed Full-Text Retrieval -- Towards Flexible Mashup of Web Applications Based on Information Extraction and Transfer -- On Maximal Contained Rewriting of Tree Pattern Queries Using Views --

th Welcome to the Proceedings of WISE 2010 — the 11 International Conference on Web Information Systems Engineering. This year, WISE returned to the place where the inaugural conference was held in 2000, Hong Kong. WISE has also been held in: 2001 Kyoto (Japan), 2002 Singapore, 2003 Rome (Italy), 2004 Brisbane (Australia), 2005 New York (USA), 2006 Wuhan (China), 2007 Nancy (France), 2008 Auckland (New Zealand), and 2009 Poznan (Poland). Continuing its trend, this year's WISE provided a forum for engineers and scientists to present their latest findings in Web-related technologies and solutions. The submitted contributions address challenging issues in Web services, search, modeling, recommendation and data mining, as well as keyword search, social network analysis, query languages, and information retrieval and extraction. This year, WISE received 170 submissions from 25 countries, including Argentina, Australia, Austria, Belgium, Canada, China, Czech Republic, France, Germany, Hong Kong, Greece, Iran, Ireland, Italy, Japan, The Netherlands, Norway, Singapore, South Korea, Spain, Sweden, Switzerland, Taiwan, UK, and the USA. After a thorough reviewing process, 32 papers were selected for presentation as full papers – the acceptance rate was 18.8%. In addition, 19 papers were selected for presentation as short papers, yielding an overall acceptance rate of 30%.
