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Web Application Modeling -- Modeling Search Computing Applications -- First International Workshop on Quality in Web Engineering (QWE) -- Developing Security Assessment Models in Web2 Mobile Environments -- Association-Rules-Based Recommender System for Personalization in Adaptive Web-Based Applications -- Quality in Use Model for Web Portals (QiUWeP) -- Towards Support Processes for Web Projects -- Reliability Verification of Search Engines' Hit Counts: How to Select a Reliable Hit Count for a Query -- Second International Workshop on Semantic Web Information Management (SWIM) -- Selecting Materialized Views for RDF Data -- Semantic Wonder Cloud: Exploratory Search in DBpedia -- Managing Adaptivity in Web Collaborative Processes Using Policies and User Profiles -- Transformation of the Common Information Model to OWL -- Improving Web Search Results for Homonyms by Suggesting Completions from an Ontology -- How to Modify on the Semantic Web? -- T2.O.M. T.O.M.: Techniques and Technologies for an Ontology-Based Mobility Tool with Open Maps -- An Approach to Semantic Information Retrieval Based on Natural Language Query Understanding -- Slicing Linked Data by Extracting Significant, Self-describing Subsets: The DBpedia Case -- Automatically Identifying Bounds on Semantic Annotations for Bioinformatics Web Service Input Parameters -- First International Workshop on Service Web Engineering (SWEng) -- REST InspiredCode Partitioning with a JavaScript Middleware -- The SOA Paradigm and e-Service Architecture Reconsidered from the e-Business Perspective -- Semantic Annotation of RESTful Services Using External Resources -- First Workshop on Engineering SOA and the Web (ESW) -- Analyzing Compliance of Service-Based Business Processes for Root-Cause Analysis and Prediction -- Trade-off between Complexity of Structured Tagging and Effectiveness of Web Service Retrieval -- Aspect-Oriented Checkpointing Approach of Composed Web Services -- A Runtime Performance Analysis for Web Service-Based Applications -- Business Process Compliance through Reusable Units of Compliant Processes -- Second International Workshop on Lightweight Composition on theWeb (ComposableWeb) -- An Approach to Enable Replacement of SOAP Services and REST Services in Lightweight Processes -- Context, Quality and Relevance: Dependencies and Impacts on RESTful Web Services Design -- Quality-Based Recommendations for Mashup Composition -- Partial Information Extraction Approach to Lightweight Integration on the Web -- Domain-Specific Mashups: From All to All You Need -- Conceptual and Usability Issues in the Composable Web of Software Services -- First International Workshop on Enterprise Crowdsourcing (EC) -- Crowdsourcing in the Document Processing Practice -- Definition of a Crowdsourcing Innovation Service for the European SMEs -- Script Programmers as Value Co-creators -- Quality Assurance for Human-Based Electronic Services: A Decision Matrix for Choosing the Right Approach -- Collaborative Workforce, Business Process Crowdsourcing as an Alternative of BPO -- First International Workshop on Web-Enabled Objects (TouchTheWeb) -- Connecting Smart Things through Web Services Orchestrations -- Mashing Up Your Web-Enabled Home -- A Triple Space-Based Semantic Distributed Middleware for Internet of Things -- Touch-Based Services' Catalogs for AAL -- Designing Context-Aware Interactions for Task-Based Applications -- First International Workshop on Web Engineering and Tourism (WEBTOUR) -- Tourist Trip Planning Functionalities: State-of-the-Art and Future -- Personalized Tourist Route Generation -- Automated Generation of Itineraries in Recommender Systems for Tourism -- A Method for Assessing Website Communicative Efficacy Using a Semantic

Annotation Tool -- A Process Framework for Semantics-Aware Tourism Information Systems -- ICWE 2010 Doctoral Consortium -- Use of Hypermedia Tools for End-User Development -- A Document-Centric Approach to Open Collaboration Processes -- Description-Based Mashup of Web Applications -- iSemServ: Towards the Engineering of Intelligent Semantic-Based Services -- Sustaining High-Availability and Quality of Web Services -- Client-Side Adaptation: An Approach Based in Reutilization Using Transversal Models -- QuEF (Quality Evaluation Framework) for Model-Driven Web Methodologies -- Consistent Cache Maintenance for Database Driven Websites -- Improvements of Webometrics by Using Sentiment Analysis for Better Accessibility of the Web -- Social Interaction with Cultural Heritage on the Web.

Sommario/riassunto

Continuing its consolidated and prestigious tradition, the tenth edition of the International Conference on Web Engineering (ICWE 2010) complemented its research and industrial program with a selection of workshops extending the conference's program. The workshops offered Web engineering researchers and practitioners the opportunity for highly interactive sessions, which included - depth, topical presentations and discussions of emerging research challenges and preliminary results. This volume collects the contributions of the hosted workshops and the co-located Doctoral Consortium.

In light of the need to offer an always novel and interesting program reflecting the emerging research of the Web engineering community, we made a huge effort to renovate the conference's workshop program, to enlarge the choice to authors and participants, and to attract high-quality contributions. The Web engineering community is a constantly growing group that, on the one hand, is working on a set of consolidated topics and, on the other hand, is constantly getting inspired by cutting edge technologies or societal trends. Thus, to enlarge the choice to both potential workshop organizers and authors, in designing this edition's workshop program we pursued two goals: First, we aimed at providing the typical audience of ICWE with a set of workshops topics that reflect the traditional interests of the community and that are as wide and comprehensive as possible. We achieved this goal thanks to well-established workshops covering topics such as model-driven development, quality and usability of Web applications, rich Internet applications (RIAs), and light-weight, component-based development of Web applications (e. g. , mashups). Second, we wanted to attract new audiences to the conference, selecting also novel workshops that cover topics of an emerging or foundational nature that extend the focus of ICWE beyond its traditional topics. We reached this goal by betting on subjects such as the Semantic Web, semantic data management, the Internet of things, Web-enabled tourism, service-based compliance management, and e-crowdsourcing.