



## 10<sup>th</sup> International Conference on Web Engineering

### Call for Workshop Papers

<http://icwe2010.webengineering.org>

**W**orkshops at the 10<sup>th</sup> International Conference on Web Engineering (ICWE 2010) offer an opportunity for highly interactive sessions, which include in-depth, topical presentations and discussions of emerging research challenges. The workshops will be held from **July 5 - 6, 2010**, previously to the main conference taking place from July 7 - 9, 2010, both at the main building of the Vienna University of Technology, Austria. All submitted papers (up to 12 pages) must be formatted according to the Springer LNCS format. **All accepted papers** will be made available at the respective workshops and will be **printed as Springer LNCS post-proceedings** after the workshops. Each published paper requires at least one full registration to the workshop. The workshops at ICWE 2010 are as follows:

- **6<sup>th</sup> Model-Driven Web Engineering Workshop (MDWE 2010)**

**Workshop Organizers:** Gustavo Rossi, Nora Koch, Geert-Jan Houben, and Antonio Vallecillo

- **1<sup>st</sup> International Workshop on Quality in Web Engineering (QWE 2010)**

**Workshop Organizers:** Silvia Abrahão, Cristina Cachero, Cinzia Cappiello, and Maristella Matera

- **2<sup>nd</sup> International Workshop on Semantic Web Information Management (SWIM 2010)**

**Workshop Organizers:** Roberto De Virgilio, Fausto Giunchiglia, and Letizia Tanca

- **1<sup>st</sup> International Workshop on Service Web Engineering (SWEng 2010)**

**Workshop Organizers:** Lyndon Nixon, John Domingue, and Barry Norton

- **1<sup>st</sup> Workshop on Engineering SOA and the Web (ESW'10)**

**Workshop Organizers:** Uwe Zdun, Schahram Dustdar, and Bruno Crispo

- **1<sup>st</sup> International Workshop on Enterprise Crowdsourcing**

**Workshop Organizers:** Claudio Bartolini and Maja Vukovic

- **1<sup>st</sup> International Workshop on Web Engineering & Tourism (WEBTOUR 2010)**

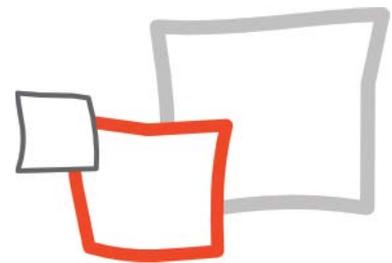
**Workshop Organizers:** Hannes Werthner, Christoph Grün, Birgit Pröll and Arno Scharl

- **1<sup>st</sup> International Workshop on Web-enabled Objects (TouchTheWeb 2010)**

**Workshop Organizers:** Fernando Lyardet and Vicente Pelechano

- **2<sup>nd</sup> International Workshop on Lightweight Composition on the Web (ComposableWeb 2010)**

**Workshop Organizers:** Florian Daniel, Sven Casteleyn, and Geert-Jan Houben



## Summary of workshop descriptions:

### ■ MDWE 2010

The aim of this workshop is to provide a forum to discuss the state-of-the-art in Model-Driven Web Engineering (MDWE), where researchers and practitioners will meet to outline a road-map that addresses the key challenges in this area. Accordingly, we invite original, high-quality submissions for the 2010 edition of the Model-Driven Web Engineering Workshop addressing relevant topics and presenting on-going work, novel ideas, applicable tools and innovative results.

### ■ QWE 2010

The main purpose of this workshop will be to assess the effectiveness of existing approaches for evaluating and managing the quality of Web resources (review guidelines, usability models, usability evaluation methods, usability checkers, accessibility verifiers, information quality tools, logging tools, automatic metric capture tools, statistical tools, etc.), with the final objective of allowing participants to discuss and get to know the most innovative and advanced experiences for guaranteeing the quality of Web applications in general, and Web 2.0 applications in particular. Special emphasis will be posed on Web Engineering methods, the way they improve the development process and the quality of final applications, and the way they can be further empowered by taking into account quality principles and by integrating sound quality assessment methods.

### ■ SWIM 2010

The Second International Workshop on „Semantic Web Information Management“ (SWIM) aims to review the most recent data-centered solutions for the Semantic Web. In particular, the workshop’s ambition is to present and analyze techniques for semantic information management, taking advantage of the synergies between the logical basis of the Semantic Web and the logical foundations of conceptual modeling. Indeed, a leitmotif of these research areas is the proposal of models and methods to represent and manage appropriately structured data, permitting it to be easily machine-processable on the Web. The long-standing experience of the information modeling community can provide a significant contribution to the substantial problems arising in semantic data management using technologies such as RDF, RDFS and OWL.

### ■ SWEng 2010

In the last years, a thriving research vision has emerged of the Service Web, driven by the continuing trend towards service-oriented architectures (SOA), cloud computing and Web 2.0 APIs, in which Web sites provide programmatic access to their content and functionality. We envision a future Web in which billions of services will be seamlessly found, composed and executed just as how in today’s Web we can find and browse billions of documents, enabled by the use of semantic technologies for describing richly the functional and non-functional characteristics of services and enabling systems to automate the requisite mediation and agreement between services. To achieve such a vision, current software engineering practices need to adapt to the brave new world of Web-based services. The goal of this workshop will be to continue a dialogue among researchers, software engineers and future service providers on the challenges and solutions to future service engineering on the Service Web.

### ■ ESW’10

Service-Oriented Architectures (SOA) are nowadays used as the backbone of many Web applications. ESW’10 will focus on the overlap of engineering service-oriented systems and Web applications into a coherent system. The main goals of the workshop are to bring together experts, both from industry and academia, who work on the interdependent context of SOA and Web applications and use engineering methods to make that link.

### ■ Enterprise Crowdsourcing

Web 2.0 provides the technological foundations upon which the crowdsourcing paradigm evolves and operates, enabling networked experts to work collaboratively to complete a specific task. Enterprise crowdsourcing poses interesting challenges for both academic and industrial research along the social, legal, and technological dimensions. In this workshop we would like to bring together researchers and practitioners to think about various aspects of enterprise crowdsourcing. First, to establish technological foundations, what are the interaction models and protocols between the Enterprise and the crowd? Secondly, how is crowdsourcing going to face the challenges in quality assurance, enabling Enterprises to optimally leverage the scalable workforce? Thirdly, what are the novel (Web) applications enabled by Enterprise crowdsourcing?

### ■ Webtour 2010

The Internet has become a cornerstone of the tourism & travel industry and created an online travel market that facilitates tourists to search for information and book their trip online. The huge number of travel-related Web sites, however, might lead to daunting information overload. In order to support tourists in decision-making, new methods and technologies are required to deliver highly targeted services to tourists in all phases of the tourist life cycle. Also the supplier side, including destination management and travel organizations, has to keep up with the rapid developments in ICT. The crucial prerequisite for all these endeavours are proper Web engineering techniques to allow for a systematic development and maintenance of next generation tourism Web applications.

### ■ TouchTheWeb 2010

The research areas involved are many, including Web Engineering, Ubiquitous Computing, Product Engineering, Distributed Systems, Human Computer Interaction, Economics, Artificial Intelligence, and many more. We look forward in this workshop to bring together different areas of expertise to help us shape a vision of creating living and working surrounded by meshes of web-enabled things. We welcome contributions on technology and concepts required to build and interact with the Internet of things, as well as scenarios, prototypes, and case studies.

### ■ ComposableWeb 2010

ComposableWeb aims at bringing together researchers and practitioners that work on mashups and composition on the Web, in order to discuss past, present and especially future of the practice and to address its challenges. The workshop welcomes contributions that shed light on the area from different perspectives and particularly addresses communities like Web Engineering, Service Engineering, Business Process Management, Databases, Semantic Web, and Software Engineering.