

Call for Papers

International Workshop on Web Information Systems Modeling (WISM 2007)

(Held in conjunction with CAiSE 2007)

12 June 2007

Trondheim, Norway

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Theme of the Workshop

Modern Web Information Systems need to fulfil a large number of requirements. As a consequence the design of these systems is not a trivial process. In order to facilitate WIS modeling, WIS design methodologies propose models in order to describe the specific aspects of these systems. Recent advances in networking technologies made possible the WIS access using different devices (e.g., PDA, Smart Phone, PC, Black Berry, etc.). In addition to the device heterogeneity there is also a heterogeneous audience that wants to access the same system. In order to improve the user experience, these systems often need to personalize the content and its presentation based on the current user needs (e.g., user's browsing platform or user preferences). Semantic Web technologies (e.g., RDF(S), OWL, etc.) can help in the representation of the different WIS design models aiming for an improved interoperability. One example of such a model is the user profile which is often described using a CC/PP vocabulary. Semantic Web representation languages prove to be useful also for describing the semantics of data and the semantics of interfaces in order to facilitate the integration of heterogeneous databases and Web services, respectively. The inference mechanisms of the Semantic Web (captured in the semantics of the representation language or in rule-based languages like RuleML and SWRL) can be used for deriving new information or building intelligent services on the Web.

Goal of the Workshop

The aim of the workshop is to provide a platform for bringing together researchers, practitioners, designers, and users of WISs to enable a fruitful exchange of ideas in the state-of-the-art of WIS modeling.

Topics of Interest

The workshop topics include but are not limited to:

- WIS Ubiquity
- WIS Architectures
- Methodologies for WIS Design
- Data Models in WIS
- Ontologies in WIS
- Rich Client WIS
- Business rules in WIS
- Semantic Web Information Systems
- Web Metadata in WIS
- Optimization techniques for WIS

Paper Submission

Prospective workshop participants are invited to submit a paper related to one (or more) of the workshop topics. Papers should not exceed 5000 words (approximately 15 pages) in length and should be formatted as close as possible to the Springer LNCS style <http://www.springer.de/comp/lncs/authors.html>. They need to be original and not submitted or accepted for publication in any other workshop, conference, or journal.

The organizers will oversee a peer-review process for the submitted papers. Workshop proceedings will be published in the official CAiSE workshop proceedings with an ISBN number. Authors of selected papers will be invited to submit extended versions for publication in prestigious international journals. Papers should be submitted to wism2007@win.tue.nl in PDF format.

Important Dates

Paper submission	15 February 2007
Author notification	15 March 2007
Camera-ready paper submission	01 April 2007
Workshop date	12 June 2007