Call for Papers

International Workshop on
Web Information Systems Modeling (WISM 2005)

(Held in conjunction with ICWE 2005)

25 July 2005
Sydney, Australia

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Theme of the Workshop

Web Information Systems (WIS) use the Web paradigm (and technologies) to retrieve information from data sources and deliver it to the users. Due to their complex requirements the design of WIS is not a trivial task.

Design methodologies provide guidelines for the creation of WIS so that the complexity of this process becomes manageable. Based on the separation-of-concerns principle some of these methodologies propose models to specify different aspects of WIS design like data integration, navigation structure, user interface, user interaction, presentation personalization, etc.

Model-driven WIS design methodologies have been recently influenced by emerging technologies like the Semantic Web, (Semantic) Web Services, and (Semantic) Web Rule Languages, which foster application interoperability. Semantic Web languages (like RDF(S), OWL) facilitate the description of WIS models. In the past WIS have been modeled as monolithic applications. Today we see a tendency of building WIS by composing (Semantic) Web Services that fulfill a certain WIS functionality.

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 Architectures
- Methodologies for WIS Design
- Data Models in WIS
- Query Languages in WIS
- Ontologies in WIS
- Mobile WIS
- Semistructured Data in WIS
- Semantic Web Information System
- Web Metadata in WIS
- Integration of WIS
- Optimization techniques for WIS
- Business rules in 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 IEEE Computer Society style http://www.computer.org/cspress/instruct.htm. 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 ICWE 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 wism2005@win.tue.nl in PDF format.

Important Dates

Paper submission	09 May 2005
Author notification	06 June 2005
Camera-ready paper submission	20 June 2005
Workshop date	25 July 2005