Call for Papers

Fifth International Workshop on

Web Information Systems Modeling (WISM 2008)

(Held in conjunction with ER 2008)

20-23 October
Barcelona, Catalonia, Spain

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Local Organizer

Peter Barna (the Netherlands)

Contact Address

wism2008@win.tue.nl

Important Dates

Paper submission	07 May 2008
Author notification	29 May 2008
Camera-ready paper submission	17 June 2008
Workshop dates	20-23 October 2008

Theme of the Workshop

Modern Web Information Systems (WIS) need to fulfill 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 WIS 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

Since the proceedings will be published by Springer in the LNCS series, authors must submit manuscripts using the LNCS style. See http://www.springer.de/comp/lncs/authors.html for style files and details. The page limit for workshop papers is 10 pages. Manuscripts not submitted in the LNCS style or having more than 10 pages will not be reviewed and thus automatically rejected. The papers need to be original and not submitted or accepted for publication in any other workshop, conference, or journal. Papers should be submitted to wism2008@win.tue.nl in PDF format.