Call for Papers

Ninth International Workshop on

Web Information Systems Modeling (WISM 2012)

(Held in conjunction with ER 2012)

15 October - 18 October 2012
Florence, Italy

Organizing Committee & Workshop Co-chairs

Flavius Frasincar (the Netherlands)
Geert-Jan Houben (the Netherlands)
Philippe Thiran (Belgium)

Program Committee
Syed Sibte Raza Abidi (Canada)
Djamal Benslimane (France)
Marco Brambilla (Italy)
Sven Casteleyn (Spain)
Richard Chbeir (France)
Jose Palazzo M. de Oliveira (Brazil)
Olga De Troyer (Belgium)
Roberto De Vrigilio (Italy)
Oscar Diaz (Spain)
Flavius Frasincar (the Netherlands)
Irene Garrigos (Spain)
Hyoil Han (USA)
Geert-Jan Houben (the Netherlands)
Zakaria Maamar (UAE)
Michael Mrissa (France)
Moira Norrie (Switzerland)
Oscar Pastor (Spain)
Dimitris Plexousakis (Greece)
Hajo Reijers (the Netherlands)
Davide Rossi (Italy)
Klaus-Dieter Schewe (Austria)
Bernhard Thalheim (Germany)
Philippe Thiran (Belgium)
Riccardo Torlone (Italy)
Lorna Uden (UK)
Erik Wilde (USA)

Local Organizer
Peter Barna (the Netherlands)

Contact Address
wism2012@ese.eur.nl

Important Dates

Paper submission	19 April 2012
Author notification	22 May 2012
Camera-ready paper submission	05 June 2012
Workshop dates	15 October - 18 October 2012

Theme of the Workshop

Modern Web Information Systems (WIS) need to fulfill complex 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 have to personalize the content and its presentation based on the current user needs (e.g., user's browsing platform or user preferences). Moreover, with the current emergence of social Web applications (e.g., Facebook, LinkedIn, MySpace, etc.) there is a need to properly model the highly dynamic user-related aspects of these systems.

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. 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 best practice recommendation of Linked Data allows Web applications to seamlessly publish, interconnect, and access information on the Semantic Web. 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 Personalization
- WIS Architectures
- Methodologies for WIS Design
- Data Models in WIS
- Optimization Techniques for WIS
- Web Services in WIS
- Social WIS
- Ontologies in WIS
- Linked Data in WIS
- Semantic Web Information Systems

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. Papers should be submitted to wism2012@ese.eur.nl in PDF format.