

# Call for Papers

## Eleventh International Workshop on Web Information Systems Modeling (WISM 2014)

(Held in conjunction with ER 2014)

27 October - 30 October 2014  
Atlanta, Georgia, USA

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### Local Organizer

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### Important Dates

Paper submission	31 May 2014
Author notification	16 June 2014
Camera-ready paper submission	02 July 2014
Workshop dates	27 October - 30 October 2014

### 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
- Methodologies for WIS Design
- Data Models in WIS
- Big Data in WIS
- Information Retrieval Models 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 available at <http://www.springer.de/comp/lncs/authors.html>. 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 at <https://www.easychair.org/conferences/?conf=wism2014> in PDF format.