Call for Papers

2nd International Workshop on Human Semantic Web Interaction (HSWI 2014)

in conjunction with the 11th Extended Semantic Web Conference (ESWC 2014)
26th May 2014, Crete, Greece

http://hswi.referata.com/wiki/HSWI2014

Objectives

"A key innovation opportunity in the Semantic Web is making it easier for end users to produce, share, and consume structured data [...] We have to study end users to understand their needs, build tools to meet those needs, and assess how those tools work for them."

David Karger, from his keynote at ESWC 2013

To advance and consolidate the development of Semantic Web (SW) technologies and applications, a strong interdisciplinary approach is required. Amongst others, SW technologies imply new challenges for *user interaction* - and especially *end user interaction* - beyond those already posed by Web technologies and interactive systems in general. Some of the challenges to SW Interfaces are:

- SW technologies provide a new set of innovative functionalities, which require equally innovative interfaces to be enjoyed
- Interfaces are required for datasets of which the schemas are not yet fully known at design time
- UIs for datasets where there is as much information in the links between the resources as in the resources themselves
- Interfaces need to be able to deal with different levels of granularity of data and information.
- UIs for information that is automatically derived from potentially incomplete and imperfect data
- Control over data/information delivery, due to size and complexity of data sources

The HSWI workshop aims to explore and evaluate good practices in interface design, and ultimately feed into possible recommendations for standardizing and consolidating knowledge and good practices into a set of guidelines for semantic web developers, to ensure the usability and reasonably functional user experiences of the next generation of Semantic Web applications.

The workshop addresses researchers and practitioners from the fields of human computer interaction, as well as researchers from the Semantic Web community applying such techniques to the Semantic Web and Linked Data. The goal of the workshop is to provide a platform for knowledge exchange between the different research communities, and to foster future collaborations.

Topics of Interest

The workshop invites papers on approaches, methods, evaluations, case studies, and lessons learned on topics such as:

- Visualization in semantic interfaces
- Natural language interfaces to the Semantic Web
- Semantic Web applications and tools addressing the needs of end users, both for creating and consuming Semantic Web data
- New interaction techniques for the semantic web (e.g., gesture- and touch-based interaction with the Semantic Web, mind-web interfaces, etc.)
- Models for specifying structure and behavior of Semantic Web interfaces

- Sensemaking
- Semantic search interfaces
- Semantic applications on mobile devices, taking into account on-board sensors
- Using Semantic Web technologies in user interfaces of existing systems
- User studies and evaluations of Semantic Web interfaces and applications

Types of Submissions

For providing a forum for sharing novel ideas, HSWI welcomes a broad spectrum of contributions, including:

- Full research papers
- Position papers
- Case Studies
- Descriptions of Experiments
- Evaluations

Submission Details

Authors are invited to submit original, unpublished research papers related to the aforementioned topics. We invite:

- regular papers (8 to 12 pages)
- short papers (4 to 6 pages)

All submissions are required to be in PDF format. Long and short paper submissions must be formatted according to Springer's LNCS format (www.springer.com/computer/lncs). Papers that exceed the maximum pages or do not follow the LNCS guidelines will be automatically rejected without a review. All submissions will be reviewed by members of the Program Committee. Additionally, your submission may be accompanied by a short video figure or interactive illustration to foster the understanding of your work.

Please submit your manuscript using the EasyChair online submission system:
https://www.easychair.org/account/signin.cgi?conf=hswi2014

Publication

Contributions will be selected based upon their quality as evaluated by 2-3 referees. Accepted papers will be published on the open-access platform CEUR-WS. Furthermore, the best papers of the workshop will be included in the supplementary proceedings of ESWC 2014, which will appear in the Springer LNCS series.

At least one author of accepted papers is required to register at the conference.

Important Dates

- Deadline for submissions: **March 3, 2014** (23:59 Hawaii Time)
- Acceptance Notification: **April 1, 2014**
- Camera-ready papers: **April 15, 2014**
- Workshop: **May 26, 2014**

Organizing Committee & Program Committee

The Organizing Committee members and the Program Committee members are mentioned at http://hswi.referata.com/wiki/HSWI2014