

LREC Workshop 2010

Workshop on Semantic Personalized Information Management (SPIM 2010)

<http://dai-labor.de/spim2010>

Contents and main goals

Search engines have become an essential tool for the majority of users for finding information in the huge amount of documents contained in the Web. Even though, for most ad-hoc search tasks, they already provide a satisfying performance, certain fundamental properties still leave room for improvement. For example, if users perform general questions, they get frequently lost in navigating the huge amount of documents returned and typically stop their search after scanning a couple of result pages. Basically, results are ranked based on word frequencies and link structures, but other factors, such as sponsored links and ranking algorithms, are also taken into account.

Standard search engines do not consider semantic information that can help in recognizing the relevance of a document with respect to the meaning of a query, so that users have to analyze every document and decide which documents are relevant with respect to the meaning implied in their search. Therefore, they also struggle for matching the individualized information needs of a user.

Since users are different, and want to access information according to their experience and knowledge, different techniques for constructing user models, analyzing user profiles and deriving information about a user for the adaptation of content have been proposed. An emerging approach is to use Semantic Web and Web 2.0 technologies to model information about users.

The workshop aims at improving the exchange of ideas between the different communities involved in the research on personalized information management. The workshop focuses especially on researchers that are working on Web 2.0 and Web 3.0, computational linguistics, machine learning, user modelling, and their combination.

The topics of interest include, but are not limited, to the following aspects with respect to the use of ontologies in information systems:

- Intelligent information retrieval, extraction and filtering
- Semantic search
- Content personalization and contextualized presentation
- Ontologies, folksonomies and information retrieval
- Semantic recommender and ontology-based user modelling
- User and user interface modelling with semantic technologies
- Machine learning for IR and ontology learning
- Affective computing
- Personalized interaction in mobile, ubiquitous and context-aware computing
- Exploiting Linked Data for PIM concerning events, discussion and groups (FOAF, SIOC, etc.)

Workshop Format

The workshop is intended to be a full day workshop (approx. 10-12 talks). For each talk, 30 minutes will be allotted divided in 20-25 minutes for the talk and 5-10 minutes for discussion. This concept gives some flexibility to allow longer discussions for controversial topics.

In addition, the workshop will feature an extended poster/demo session to get in touch with less mature ongoing work or to get details about applications that cannot be demoed in the scientific

presentation format. All submitted papers and poster/demo proposals will be reviewed by members of the program committee.

When submitting a paper from the START page, authors will be asked to provide essential information about resources (in a broad sense, i.e. also technologies, standards, evaluation kits, etc.) that have been used for the work described in the paper or are a new result of your research.

For further information on this new initiative, please refer to:

<http://www.lrec-conf.org/lrec2010/?LREC2010-Map-of-Language-Resources>

Schedule

- First (official) call for papers: December 19th 2009
- Deadline for paper submission: ~~February 19th 2010~~ **March 1st 2010**
- Notification of acceptance: ~~March 09th 2010~~ **March 28th 2010**
- Camera-ready paper submission: April 4th 2010
- Camera-ready workshop notes: May 7th 2010

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