

# Interacting with Linked Data (ILD 2012)

<http://www.sc.cit-ec.uni-bielefeld.de/ild>

Workshop co-located with the Extended Semantic Web Conference 2012

## Motivation and Scope

While more and more semantic data is published on the Web, the question of how typical Web users can access this body of knowledge becomes of crucial importance. There is now a growing amount of research on interaction paradigms that allow end users to profit from the expressive power of Semantic Web standards while at the same time hiding the complexity behind an intuitive and easy-to-use interface. These paradigms range from keyword search, faceted browsing and exploration to natural language question answering.

Despite different goals and different kinds of interaction, the main challenge involved in interacting with Linked Data is the same for all approaches: dealing with a heterogeneous, distributed and very large set of highly interconnected data. The availability of such an amount of open and structured data has no precedents in computer science and approaches that can deal with the specific character of Linked Data are urgently needed.

The workshop is aimed at all researchers and practitioners working on the interaction with Linked Data and related topics. Its goal is to bring together expertise from different communities, including NLP, HCI and Semantic Web, and to encourage communication across interaction paradigms.

## Call for Papers

We welcome the submission of *research papers* on all aspects of interaction with Linked Data, *system descriptions* of systems participating in the open challenge (see below), and *short papers* on preliminary research. The following topics are of special interest:

- Question answering and natural language interfaces to Linked Data
- HCI and Linked Data
- Faceted browsing and exploration
- New interaction metaphors for Linked Data
- Multimodal interfaces to Linked Data
- Disambiguation and inferencing across multiple sources and domains
- Natural language generation
- Discovery on the fly of relevant Linked Data sources
- Efficiency and performance aspects
- Dealing with data and schema heterogeneity
- Summarization and aggregation
- Providing justifications of answers and conveying trust
- Personalization in accessing Linked Data
- User feedback and interaction
- Habitability and usability aspects

## Open Challenge

The workshop will be accompanied by an open challenge on a particular interaction paradigm: Question Answering over Linked Data.<sup>1</sup>

We will provide two datasets – DBpedia and MusicBrainz – together with a set of training questions of different complexity levels with manually specified SPARQL queries and answers for each dataset. Participating systems will then be evaluated on similarly annotated test questions with respect to precision and recall. For more information, please consult the workshop website.

## Important Dates

### Workshop papers

Deadline for workshop papers:	March 16 (EXTENDED)
Notification of acceptance:	April 10
Deadline for camera-ready version:	April 24

### Open challenge

Release of training dataset and instructions:	January 31
Release of test data:	March 25
Submission of results:	April 1

Please note that any deadlines connected to the open challenge concern only the submission of answers and computed evaluation results, they do NOT concern paper submissions. Papers describing systems that participate in the challenge or using challenge data for evaluation have to be submitted until March 16. There is no separate paper submission in the context of the challenge. If you want to include results from the test phase into your paper as well (which we strongly encourage), you can still do this when preparing the camera-ready version of the paper.

## Submission details

Research papers should not exceed 12 pages in length (excluding references), system descriptions should not exceed 8 pages (excluding references). Short papers describing preliminary research or positions can also be submitted and should not exceed 4 pages in length. All papers have to be submitted in PDF format; camera-ready versions must be formatted according to the LNCS guidelines.

Submission and reviewing will be via EasyChair:

<http://www.easychair.org/conferences/?conf=ild2012>

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<sup>1</sup>Following the QALD-1 open challenge in 2011: <http://greententacle.techfak.uni-bielefeld.de/~cunger/qald/index.php?x=challenge&q=1>.

For detailed information and updates on the open challenge, there is an ILD mailing list, to which you can subscribe at the following location:

<https://lists.techfak.uni-bielefeld.de/cit-ec/mailman/listinfo/ild>