4th Workshop on

Linked Data in Linguistics (LDL-2015): Resources and Applications

Beijing, July 31st, 2015, http://ldl2015.linguistic-lod.org
collocated with ACL-IJCNLP 2015

The substantial growth in the quantity, diversity and complexity of linguistic data accessible on the Web has led to many new and interesting research areas in Natural Language Processing (NLP) and linguistics. However, resource interoperability represents a major challenge that still needs to be addressed, in particular if information from different sources is combined. With its fourth instantiation, the Linked Data in Linguistics workshop continues to provide a major forum to discuss the creation of linguistic resources on the web using linked data principles, as well as issues of interoperability, distribution protocols, access and integration of language resources and natural language processing pipelines developed on this basis.

As a result of the preceding workshops, a considerable number of resources is now available in the Linguistic Linked Open Data (LLOD) cloud. LDL-2015 will thus specifically welcome papers addressing the **usage aspect of Linked Data and related technologies** in NLP, linguistics and neighboring fields, such as Digital Humanities.

Organized by the interdisciplinary Open Linguistics Working Group (OWLG), the LDL workshop series is open to researchers from a **wide range of disciplines**, including (computational) linguistics and NLP, as well as the Semantic Web, linguistic typology, corpus linguistics, terminology and lexicography. In 2015, we plan to increase the involvement of the LIDER project and the W3C Community Group on Linked Data for Language Technology (LD4LT), to build on their efforts to facilitate the use of linked data and language resources for commercial applications, and to continue the success of LIDER's roadmapping workshop series in engagement with enterprise.

Topics of Interest

We invite presentations of algorithms, methodologies, experiments, use cases, project proposals and position papers regarding the creation, publication or application of linguistic data collections and their linking with other resources, as well as descriptions of such data. This includes, but is not limited to, the following:

A. **Resources**
   - Modelling linguistic data and metadata with OWL and/or RDF.
   - Ontologies for linguistic data and metadata collections as well as cross-lingual retrieval.
   - Descriptions of data sets following Linked Data principles.
   - Legal and social aspects of Linguistic Linked Open Data.
   - Best practices for the publication and linking of multilingual knowledge resources.

B. Applications
- Applications of such data, other ontologies or linked data from any subdiscipline of linguistics or NLP.
- The role of (Linguistic) Linked Open Data to address challenges of multilinguality and interoperability.
- Application and applicability of (Linguistic) Linked Open Data for knowledge extraction, machine translation and other NLP tasks.
- NLP contributions to (Linguistic) Linked Open Data.

We invite both long (8 pages and 2 pages of references, formatted according to the ACL-IJCNLP guidelines) and short papers (4 pages and 2 pages of references) representing original research, innovative approaches and resource types, use cases or in-depth discussions. Short papers may also represent project proposals, work in progress or data set descriptions.

Dataset Description Papers

In addition to full papers and regular short papers, authors may submit short papers with a dataset descriptions describing a resource's availability, published location and key statistics (such as size). Such papers do not need to show a novel method for the creation or publishing of the data but instead will be judged on the **quality, usefulness** and **clarity of description** given in the paper.

Important Dates

Paper submission: May 8th, 2015
Notification of Acceptance: June 5th, 2015
Camera-Ready Copy: June 21st, 2015
Workshop: July 31st, 2015

Organizing Committee

Christian Chiarcos (Goethe University Frankfurt, Germany)
Philipp Cimiano (Bielefeld University, Germany)
Nancy Ide (Vassar College, USA)
John P. McCrae (Bielefeld University, Germany)
Petya Osenova (Bulgarian Academy of Sciences, Bulgaria)

Program Committee

Eneko Agirre (University of the Basque Country, Spain)
Guadalupe Aguado (Universidad Politécnica de Madrid, Spain)
Claire Bonial (University of Colorado at Boulder, USA)
Peter Bouda (Interdisciplinary Centre for Social and Language Documentation, Portugal)
Antonio Branco (University of Lisbon, Portugal)
Martin Brümmer (University of Leipzig, Germany)
Paul Buitelaar (INSIGHT, NUIG Galway, Ireland)
Steve Cassidy (Macquarie University, Australia)
Nicoletta Calzolari (ILC-CNR, Italy)
Thierry Declerck (DFKI, Germany)
Ernesto William De Luca (University of Applied Sciences Potsdam, Germany)
Gerard de Melo (University of California at Berkeley)
Judith Eckle-Kohler (Technische Universität Darmstadt, Germany)
Francesca Frontini (ILC-CNR, Italy)
Jeff Good (University at Buffalo)
Asunción Gómez Pérez (Universidad Politécnica de Madrid, Spain)
Jorge Gracia (Universidad Politécnica de Madrid, Spain)
Yoshihiko Hayashi (Waseda University, Japan)
Fahad Khan (ILC-CNR, Italy)
Seiji Koide (National Institute of Informatics, Japan)
Lutz Maicher (Universität Leipzig, Germany)
Elena Montiel-Ponsoda (Universidad Politécnica de Madrid, Spain)
Steven Moran (Universität Zürich, Switzerland)
Sebastian Nordhoff (Glottotopia, Berlin, Germany)
Antonio Pareja-Lora (Universidad Complutense Madrid, Spain)
Maciej Piasecki (Wroclaw University of Technology, Poland)
Francesca Quattri (Hong Kong Polytechnic University, Hong Kong)
Laurent Romary (INRIA, France)
Felix Sasaki (Deutsches Forschungszentrum für Künstliche Intelligenz, Germany)
Andrea Schalley (Griffith University, Australia)
Gilles Sérraset (Joseph Fourier University, France)
Kiril Simov (Bulgarian Academy of Sciences, Sofia, Bulgaria)
Milena Slavcheva (JRC-Brussels, Belgium)
Armando Stellato (University of Rome, Tor Vergata, Italy)
Marco Tadic (University of Zagreb, Croatia)
Marieke van Erp (VU University Amsterdam, The Netherlands)
Daniel Vila (Universidad Politécnica de Madrid, Spain)
Cristina Vertan (University of Hamburg, Germany)
Walther v. Hahn (University of Hamburg, Germany)
Menzo Windhouwer (Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands)