

51st Annual Meeting of the Association for Computational Linguistics (ACL 2013)

System Demonstrations

**Sofia, Bulgaria
4-9 August 2013**

ISBN: 978-1-62748-977-5

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2013) by the Association for Computational Linguistics
All rights reserved.

Printed by Curran Associates, Inc. (2013)

For permission requests, please contact the Association for Computational Linguistics
at the address below.

Association for Computational Linguistics
209 N. Eighth Street
Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006

Fax: 1-570-476-0860

acl@aclweb.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2634
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

<i>WebAnno: A Flexible, Web-based and Visually Supported System for Distributed Annotations</i> Seid Muhie Yimam, Iryna Gurevych, Richard Eckart de Castilho and Chris Biemann	1
<i>A Stacking-based Approach to Twitter User Geolocation Prediction</i> Bo Han, Paul Cook and Timothy Baldwin	7
<i>An Open Source Toolkit for Quantitative Historical Linguistics</i> Johann-Mattis List and Steven Moran	13
<i>AnnoMarket: An Open Cloud Platform for NLP</i> Valentin Tablan, Kalina Bontcheva, Ian Roberts, Hamish Cunningham and Marin Dimitrov	19
<i>Detecting Event-Related Links and Sentiments from Social Media Texts</i> Alexandra Balahur and Hristo Tanev	25
<i>DISSECT - DIStributional SEMantics Composition Toolkit</i> Georgiana Dinu, Nghia The Pham and Marco Baroni	31
<i>DKPro WSD: A Generalized UIMA-based Framework for Word Sense Disambiguation</i> Tristan Miller, Nicolai Erbs, Hans-Peter Zorn, Torsten Zesch and Iryna Gurevych	37
<i>Extending an interoperable platform to facilitate the creation of multilingual and multimodal NLP applications</i> Georgios Kontonatsios, Paul Thompson, Riza Theresa Batista-Navarro, Claudiu Mihăilă, Ioannis Korkontzelos and Sophia Ananiadou	43
<i>FudanNLP: A Toolkit for Chinese Natural Language Processing</i> Xipeng Qiu, Qi Zhang and Xuanjing Huang	49
<i>ICARUS – An Extensible Graphical Search Tool for Dependency Treebanks</i> Markus Gärtner, Gregor Thiele, Wolfgang Seeker, Anders Björkelund and Jonas Kuhn	55
<i>Meet EDGAR, a tutoring agent at MONSERRATE</i> Pedro Fialho, Luísa Coheur, Sérgio Curto, Pedro Cláudio, Ângela Costa, Alberto Abad, Hugo Meinedo and Isabel Trancoso	61
<i>PAL: A Chatterbot System for Answering Domain-specific Questions</i> Yuanhao Liu, Ming Liu, Xiaolong Wang, Limin Wang and Jingjing Li	67
<i>PhonMatrix: Visualizing co-occurrence constraints of sounds</i> Thomas Mayer and Christian Rohrdantz	73
<i>QuEst - A translation quality estimation framework</i> Lucia Specia, , Kashif Shah, Jose G.C. de Souza and Trevor Cohn	79
<i>SORT: An Interactive Source-Rewriting Tool for Improved Translation</i> Shachar Mirkin, Sriram Venkatapathy, Marc Dymetman and Ioan Calapodescu	85
<i>Travatar: A Forest-to-String Machine Translation Engine based on Tree Transducers</i> Graham Neubig	91
<i>PLIS: a Probabilistic Lexical Inference System</i> Eyal Shnarch, Erel Segal-haLevi, Jacob Goldberger and Ido Dagan	97

<i>A Java Framework for Multilingual Definition and Hypernym Extraction</i> Stefano Faralli and Roberto Navigli	103
<i>A Visual Analytics System for Cluster Exploration</i> Andreas Lamprecht, Annette Hautli, Christian Rohrdantz and Tina Bögel	109
<i>Development and Analysis of NLP Pipelines in Argo</i> Rafal Rak, Andrew Rowley, Jacob Carter and Sophia Ananiadou	115
<i>DKPro Similarity: An Open Source Framework for Text Similarity</i> Daniel Bär, Torsten Zesch and Iryna Gurevykh	121
<i>Fluid Construction Grammar for Historical and Evolutionary Linguistics</i> Pieter Wellens, Remi van Trijp, Katrien Beuls and Luc Steels	127
<i>HYENA-live: Fine-Grained Online Entity Type Classification from Natural-language Text</i> Mohamed Amir Yosef, Sandro Bauer, Johannes Hoffart, Marc Spaniol and Gerhard Weikum ..	133
<i>Linggle: a Web-scale Linguistic Search Engine for Words in Context</i> Joanne Boisson, Ting-Hui Kao, Jian-Cheng Wu, Tzu-Hsi Yen and Jason S. Chang	139
<i>ParaQuery: Making Sense of Paraphrase Collections</i> Lili Kotlerman, Nitin Madnani and Aoife Cahill	145
<i>PATHS: A System for Accessing Cultural Heritage Collections</i> Eneko Agirre, Nikolaos Aletras, Paul Clough, Samuel Fernando, Paula Goodale, Mark Hall, Aitor Soroa and Mark Stevenson	151
<i>Propminer: A Workflow for Interactive Information Extraction and Exploration using Dependency Trees</i> Alan Akbik, Oresti Konomi and Michail Melnikov	157
<i>SEMILAR: The Semantic Similarity Toolkit</i> Vasile Rus, Mihai Lintean, Rajendra Banjade, Nobal Niraula and Dan Stefanescu	163
<i>Tag2Blog: Narrative Generation from Satellite Tag Data</i> Kapila Ponnampuruma, Advait Siddharthan, Cheng Zeng, Chris Mellish and René van der Wal	169
<i>TransDooop: A Map-Reduce based Crowdsourced Translation for Complex Domain</i> Anoop Kunchukuttan, Rajen Chatterjee, Shourya Roy, Abhijit Mishra and Pushpak Bhattacharyya	175
<i>tSEARCH: Flexible and Fast Search over Automatic Translations for Improved Quality/Error Analysis</i> Merixell González, Laura Mascarell and Lluís Màrquez	181
<i>VSEM: An open library for visual semantics representation</i> Elia Bruni, Ulisse Bordignon, Adam Liska, Jasper Uijlings and Irina Sergienya	187
<i>Docent: A Document-Level Decoder for Phrase-Based Statistical Machine Translation</i> Christian Hardmeier, Sara Stymne, Jörg Tiedemann and Joakim Nivre	193
<i>Mr. MIRA: Open-Source Large-Margin Structured Learning on MapReduce</i> Vladimir Eidelman, Ke Wu, Ferhan Ture, Philip Resnik and Jimmy Lin	199