Human Language Technologies:
The 2013 Annual Conference of the
North American Chapter of the
Association for Computational Linguistics

Demonstration Session

Chris Dyer & Derrick Higgins
Demo Chairs

10–12 June 2013
Atlanta, Georgia, USA
# Table of Contents

**DALE: A Word Sense Disambiguation System for Biomedical Documents Trained using Automatically Labeled Examples**  
Judita Preiss and Mark Stevenson ......................................................... 1

**Topic Models and Metadata for Visualizing Text Corpora**  
Justin Snyder, Rebecca Knowles, Mark Dredze, Matthew Gormley and Travis Wolfe ........ 5

**TMTprime: A Recommender System for MT and TM Integration**  
Awarth Abhilash Dara, Sandipan Dandapat, Declan Groves and Josef van Genabith ........ 10

**Anafora: A Web-based General Purpose Annotation Tool**  
Wei-Te Chen and Will Styler ................................................................. 14

**A Web Application for the Diagnostic Evaluation of Machine Translation over Specific Linguistic Phenomena**  
Antonio Toral, Sudip Kumar Naskar, Joris Vreeke, Federico Gaspari and Declan Groves ...... 20

**KooSHO: Japanese Text Input Environment based on Aerial Hand Writing**  
Masato Hagiwara and Soh Masuko ........................................................... 24

**UMLS::Similarity: Measuring the Relatedness and Similarity of Biomedical Concepts**  
Bridget McInnes, Ted Pedersen, Serguei Pakhomov, Ying Liu and Genevieve Melton-Meaux . 28

**KELVIN: a tool for automated knowledge base construction**  
Paul McNamee, James Mayfield, Tim Finin, Tim Oates, Dawn Lawrie, Tan Xu and Douglas Oard 32

**Argviz: Interactive Visualization of Topic Dynamics in Multi-party Conversations**  
Viet-An Nguyen, Yuening Hu, Jordan Boyd-Graber and Philip Resnik ......................... 36
Conference Program

Monday, June 10, 2013

18:30–20:30 Poster and Demonstrations Session

**DALE: A Word Sense Disambiguation System for Biomedical Documents Trained using Automatically Labeled Examples**
Judita Preiss and Mark Stevenson

**Topic Models and Metadata for Visualizing Text Corpora**
Justin Snyder, Rebecca Knowles, Mark Dredze, Matthew Gormley and Travis Wolfe

**TMTprime: A Recommender System for MT and TM Integration**
Awarth Abhilash Dara, Sandipan Dandapat, Declan Groves and Josef van Genabith

**Anafora: A Web-based General Purpose Annotation Tool**
Wei-Te Chen and Will Styler

**A Web Application for the Diagnostic Evaluation of Machine Translation over Specific Linguistic Phenomena**
Antonio Toral, Sudip Kumar Naskar, Joris Vreeke, Federico Gaspari and Declan Groves

**KooSHO: Japanese Text Input Environment based on Aerial Hand Writing**
Masato Hagiwara and Soh Masuko

**UMLS::Similarity: Measuring the Relatedness and Similarity of Biomedical Concepts**
Bridget McInnes, Ted Pedersen, Serguei Pakhomov, Ying Liu and Genevieve Melton-Meaux

**KELVIN: a tool for automated knowledge base construction**
Paul McNamee, James Mayfield, Tim Finin, Tim Oates, Dawn Lawrie, Tan Xu and Douglas Oard

**Argviz: Interactive Visualization of Topic Dynamics in Multi-party Conversations**
Viet-An Nguyen, Yuening Hu, Jordan Boyd-Graber and Philip Resnik
