## HLT/EMNLP 2005

# **Interactive Demonstrations Proceedings**

**Co-chairs:** 

Donna Byron, The Ohio State University Anand Venkataraman, SRI International Dell Zhang, Birkbeck, University of London

> October 7, 2005 Vancouver, British Columbia, Canada

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#### Preface to the Demonstration Proceedings

This volume contains the abstracts of the technology demonstrations that were presented at the combined 2005 Human Language Technology Conference and Conference on Empirical Methods in Natural Language Processing, held in Vancouver, British Columbia, Canada on October 7, 2005. The demonstration program has traditionally been an important component of the HLT conference, and the addition of EMNLP this year creates a new opportunity for interaction among researchers coming from a variety of methodological perspectives. The demonstration program allows researchers the opportunity to showcase new and innovative technology, to update the research community on ongoing projects, and to show software tools developed for corpus development or other research aids to the users they were designed to assist. Demo technologies included in the program were selected based on their potential appeal to the HLT/EMNLP audience, technical and innovative merit, and completeness as a stand-alone demo. Out of 31 demonstration proposals submitted for review, 20 were selected for inclusion at the conference, representing 32 institutions from Asia, North America, and Europe.

We would like to acknowledge Google, Inc. for their generous support of the conference and the demo session. We are also grateful to our reviewers for spending time to help us select a set of demonstrations that together compose a high-quality and informative demo program. We would also like to thank the HLT/EMNLP-2005 conference organizers for their assistance in setting up the program, and Priscilla Rasmussen for local organization.

Donna Byron, Anand Venkataraman and Dell Zhang (editors and co-chairs) August, 2005

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## **Table of Contents**

Automatic Detection of Translation Errors: The State of the Art   Graham Russell, George Foster and Ngoc Tran Nguyen1
Bridging the Gap between Technology and Users: Leveraging Machine Thomas Hoeft, Nick Cramer, M. L. Gregory and Elizabeth Hetzler
Classummary: Introducing Discussion Summarization to Online Classrooms Liang Zhou, Erin Shaw, Chin-Yew Lin and Eduard Hovy
Demonstrating an Interactive Semantic Role Labeling System Vasin Punyakanok, Dan Roth, Mark Sammons and Wen-tau Yih6
MindNet: An Automatically-Created Lexical Resource Lucy Vanderwende, Gary Kacmarcik, Hisami Suzuki and Arul Menezes
<i>NooJ: a Linguistic Annotation System for Corpus Processing</i> Max Silberztein
Pattern Visualization for Machine Translation Output     Adam Lopez and Philip Resnik   12
Prague Dependency Treebank as an Exercise Book of Czech Barbora Hladká and Ondřej Kučera14
Translation Exercise Assistant: Automated Generation of Translation   Jill Burstein and Daniel Marcu 16
WebExperimenter for Multiple-Choice Question Generation     Ayako Hoshino and Hiroshi Nakagawa   18
DialogueView: an Annotation Tool for Dialogue   Fan Yang and Peter A. Heeman
<i>Extracting Information about Outbreaks of Infectious Epidemics</i> Roman Yangarber, Lauri Jokipii, Antti Rauramo and Silja Huttunen
A Flexible Conversational Dialog System for MP3 Player Fuliang Weng, Lawrence Cavedon, Badri Raghunathan, Danilo Mirkovic, Ben Bei, Heather Pon-

Japanese Speech Understanding using Grammar Specialization

<i>The MIT Spoken Lecture Processing Project</i> James R. Glass, Timothy J. Hazen, D. Scott Cyphers, Ken Schutte and Alex Park
MBOI: Discovery of Business Opportunities on the Internet   Arman Tajarobi, Jean-François Garneau and François Paradis   30
OPINE: Extracting Product Features and Opinions from Reviews   Ana-Maria Popescu, Bao Nguyen and Oren Etzioni   32
OpinionFinder: A System for Subjectivity AnalysisTheresa Wilson, Paul Hoffmann, Swapna Somasundaran, Jason Kessler, Janyce Wiebe, YejinChoi, Claire Cardie, Ellen Riloff and Siddharth Patwardhan
POSBIOTM/W: A Development Workbench for Machine Learning Oriented Biomedical Text Mining System
Kyungduk Kim, Yu Song and Gary Geunbae Lee

## **Conference Program**

Friday, October 7, 2005

#### Session 1: 6:30-8:00pm

Automatic Detection of Translation Errors: The State of the Art Graham Russell, George Foster and Ngoc Tran Nguyen

*Bridging the Gap between Technology and Users: Leveraging Machine* Thomas Hoeft, Nick Cramer, M. L. Gregory and Elizabeth Hetzler

*Classummary: Introducing Discussion Summarization to Online Classrooms* Liang Zhou, Erin Shaw, Chin-Yew Lin and Eduard Hovy

*Demonstrating an Interactive Semantic Role Labeling System* Vasin Punyakanok, Dan Roth, Mark Sammons and Wen-tau Yih

*MindNet: An Automatically-Created Lexical Resource* Lucy Vanderwende, Gary Kacmarcik, Hisami Suzuki and Arul Menezes

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#### Friday, October 7, 2005 (continued)

#### Session 2: 8:00-9:30pm

*DialogueView: an Annotation Tool for Dialogue* Fan Yang and Peter A. Heeman

*Extracting Information about Outbreaks of Infectious Epidemics* Roman Yangarber, Lauri Jokipii, Antti Rauramo and Silja Huttunen

#### A Flexible Conversational Dialog System for MP3 Player

Fuliang Weng, Lawrence Cavedon, Badri Raghunathan, Danilo Mirkovic, Ben Bei, Heather Pon-Barry, Harry Bratt, Hua Cheng, Hauke Schmidt, Rohit Mishra, Brian Lathrop, Qi Zhang, Tobias Scheideck, Kui Xu, Tess Hand-Bender, Stanley Peters, Liz Shriberg and Carsten Bergmann

#### Japanese Speech Understanding using Grammar Specialization

Manny Rayner, Nikos Chatzichrisafis, Pierrette Bouillon, Yukie Nakao, Hitoshi Isahara, Kyoko Kanzaki, Beth Ann Hockey, Marianne Santaholma and Marianne Starlander

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