

ACL 2007

**Proceedings of the
Interactive Poster and
Demonstration Sessions**

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Preface

The 45th Annual Meeting of the Association for Computational Linguistics, Posters and Demonstrations session was held between the 25th to 27th June 2007 in Prague. This year we had 113 submissions out of which 61 were selected for presentation, resulting in a 54% acceptance rate.

The criteria for acceptance of posters were to describe original work in progress, and to present innovative methodologies used to solve problems in computational linguistics or NLP. 48 posters were accepted.

For demonstrations the criterion for acceptance was the implementation of mature systems or prototypes in which computational linguistics or NLP technologies are used to solve practically important problems. 13 demonstrations were accepted.

I would like to thank the General Conference Chair of ACL 2007, John Carroll, for his insightful suggestions in formulating the call for papers. My gratitude to the members of the Program Committee for their promptness, professionalism and willingness in reviewing more papers than anticipated.

I would like to extend my thanks to the local organisers who accommodated a number of requests speedily making sure that the scheduling and the physical facilities were in place for this event. Last but not least, my special thanks to Scott Piao and Yutaka Sasaki for their help in the preparation of the camera-ready copy of the proceedings.

Sophia Ananiadou
Chair

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Program

Demos

Tuesday, June 26

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MIMUS: A Multimodal and Multilingual Dialogue System for the Home Domain

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A Translation Aid System with a Stratified Lookup Interface

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System Demonstration of On-Demand Information Extraction

Satoshi Sekine and Akira Oda

Multilingual Ontological Analysis of European Directives

Gianmaria Ajani, Guido Boella, Leonardo Lesmo, Alessandro Mazzei and Piercarlo Rossi

13:30-15:20 Demo Session 2

zipfR: Word Frequency Modeling in R

Stefan Evert and Marco Baroni

Linguistically Motivated Large-Scale NLP with C&C and Boxer

James Curran, Stephen Clark and Johan Bos

Don't worry about metaphor: affect detection for conversational agents

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An efficient algorithm for building a distributional thesaurus (and other Sketch Engine developments)

Pavel Rychlý and Adam Kilgarriff

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Semantic enrichment of journal articles using chemical named entity recognition
Colin R. Batchelor and Peter T. Corbett

An API for Measuring the Relatedness of Words in Wikipedia
Simone Paolo Ponzetto and Michael Strube

Posters

Monday, June 25

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Machine Learning, Corpus and Information Retrieval

Deriving an Ambiguous Words Part-of-Speech Distribution from Unannotated Text
Reinhard Rapp

Support Vector Machines for Query-focused Summarization trained and evaluated on Pyramid data
Maria Fuentes, Enrique Alfonseca and Horacio Rodríguez

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Minimum Bayes Risk Decoding for BLEU

Nicola Ehling, Richard Zens and Hermann Ney

10:40-11:10 Poster Session 2

Speech Dialogue

Disambiguating Between Generic and Referential "You" in Dialog

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On the formalization of Invariant Mappings for Metaphor Interpretation

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Michael Pucher

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Lexica and Ontologies

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Changhua Yang, Kevin Hsin-Yih Lin and Hsin-Hsi Chen

Construction of Domain Dictionary for Fundamental Vocabulary

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Extracting Hypernym Pairs from the Web

Erik Tjong Kim Sang

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An OWL Ontology for HPSG
Graham Wilcock

Wednesday, June 27

10:40-11:10 Poster Session 4

Applications

Classifying Temporal Relations Between Events
Nathanael Chambers, Shan Wang and Dan Jurafsky

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Philipp Koehn, Hieu Hoang, Alexandra Birch, Chris Callison-Burch, Marcello Federico, Nicola Bertoldi, Brooke Cowan, Wade Shen, Christine Moran, Richard Zens, Chris Dyer, Ondrej Bojar, Alexandra Constantin and Evan Herbst

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Expanding Indonesian-Japanese Small Translation Dictionary Using a Pivot Language
Masatoshi Tsuchiya, Ayu Purwarianti, Toshiyuki Wakita and Seiichi Nakagawa

Wednesday, June 27

15:10-15:45 Poster Session 5

Parsing and Tagging

Shallow Dependency Labeling

Manfred Klenner

Minimally Lexicalized Dependency Parsing

Daisuke Kawahara and Kiyotaka Uchimoto

HunPos – an open source trigram tagger

Péter Halácsy, András Kornai and Csaba Oravecz

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