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We are delighted to introduce the proceedings of the 11th Conference on Empirical Methods in Natural Language Processing, organized under the auspices of SIGDAT, the ACL Special Interest Group for linguistic data and corpus-based approaches to NLP.

This was a wonderfully fruitful year for EMNLP; we received 234 submissions, drawn from every area of language processing. Of these we were able to accept 73 papers (an acceptance rate of 31%), making for an unusually broad and exciting program. 43 of the papers were presented as talks, and 30 as posters.

The papers were selected by a program committee of 13 area chairs from Asia, Australia, Europe, and North America, ably assisted by a superb panel of 258 reviewers, also from all over the world. We are deeply indebted to the area chairs and the reviewers for their tireless and generous work.

Additional thanks to to the Publications Chair, Eric Ringger, who put this volume together, to the Local Arrangements Chair, James Curran, to the COLING/ACL Organizing Committee, especially Claire Cardie and Suzanne Stevenson, for constant advice, and to David Yarowsky and Ken Church of SIGDAT for fielding many questions. Special thanks go to the student volunteers at Stanford (Dan Cer, Pi-Chuan Chang, Surabhi Gupta, William Morgan, Yun-Hsuan Sung, and Huihsin Tseng).

We wish you all an enjoyable and thought-provoking conference.

Dan Jurafsky and Eric Gaussier
EMNLP Co-Chairs
June 2006
Organizers

Program Chairs:
Dan Jurafsky (Stanford University)
Eric Gaussier (Xerox Research Centre Europe)

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Grace Chung
Jason Eisner (Johns Hopkins University)
Sanda M Harabagiu (University of Texas at Dallas)
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Dekai Wu (The Hong Kong University of Science and Technology)
Francois Yvon (ENST)

Local Arrangements Chair:
James Curran (University of Sydney)

Publications Chair:
Eric Ringger (Brigham Young University)
Reviewers:

Conference Program Outline

Saturday, 22 July 2006

7:45–9:00  Registration
8:15–8:25  Welcome from the Organizers
8:25–10:30  Sessions 1a and 1b
10:30–11:00  Morning Coffee Break
11:00–12:15  Sessions 2a and 2b
12:15–1:45  Lunch
1:45–2:35  Sessions 3a and 3b
2:35–3:30  Invited Talk
3:30–4:00  Afternoon Coffee Break
4:00–6:30  Long Poster Session 1 and Welcome Reception

Sunday, 23 July 2006

8:25–10:30  Sessions 4a and 4b
10:30–11:00  Morning Coffee Break
11:00–12:30  Short Poster Session 2
12:30–1:45  Lunch
1:45–3:25  Sessions 5a and 5b
3:30–4:00  Afternoon Coffee Break
4:00–5:15  Sessions 6a and 6b
Conference Program In Detail

Saturday, 22 July 2006

Session 1a: Computational Semantics

8:25–8:50  *Unsupervised Discovery of a Statistical Verb Lexicon*  
Trond Grenager and Christopher D. Manning

8:50–9:15  *An Empirical Approach to the Interpretation of Superlatives*  
Johan Bos and Malvina Nissim

9:15–9:40  *Paraphrase Recognition via Dissimilarity Significance Classification*  
Long Qiu, Min-Yen Kan and Tat-Seng Chua

9:40–10:05  *Detecting Parser Errors Using Web-based Semantic Filters*  
Alexander Yates, Stefan Schoenmackers and Oren Etzioni

10:05–10:30  *Distributional measures of concept-distance: A task-oriented evaluation*  
Saif Mohammad and Graeme Hirst

Session 1b: MT

8:25–8:50  *SPMT: Statistical Machine Translation with Syntactified Target Language Phrases*  
Daniel Marcu, Wei Wang, Abdessamad Echihabi and Kevin Knight

8:50–9:15  *Phrasetable Smoothing for Statistical Machine Translation*  
George Foster, Roland Kuhn and Howard Johnson

9:15–9:40  *The impact of parse quality on syntactically-informed statistical machine translation*  
Chris Quirk and Simon Corston-Oliver

9:40–10:05  *Statistical Machine Reordering*  
Marta R. Costa-jussà and José A. R. Fonollosa

10:05–10:30  *Re-evaluating Machine Translation Results with Paraphrase Support*  
Liang Zhou, Chin-Yew Lin and Eduard Hovy
Saturday, 22 July 2006 (continued)

Session 2a: Discourse

11:00–11:25 *Exploiting Discourse Structure for Spoken Dialogue Performance Analysis*
Mihai Rotaru and Diane J. Litman

11:25–11:50 *Learning Information Status of Discourse Entities*
Malvina Nissim

11:50–12:15 *Automatic classification of citation function*
Simone Teufel, Advaith Siddharthan and Dan Tidhar

Session 2b: Parsing

11:00–11:25 *Is it Really that Difficult to Parse German?*
Sandra Kübler, Erhard W. Hinrichs and Wolfgang Maier

11:25–11:50 *Domain Adaptation with Structural Correspondence Learning*
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11:50–12:15 *Incremental Integer Linear Programming for Non-projective Dependency Parsing*
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1:45–2:10 *Semantic Role Labeling of NomBank: A Maximum Entropy Approach*
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2:10–2:35 *Identification of Event Mentions and their Semantic Class*
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1:45–2:10 *Extremely Lexicalized Models for Accurate and Fast HPSG Parsing*
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Phil Blunsom and Timothy Baldwin
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Abdusalam F.A. Nwesri, S.M.M. Tahaghoghi and Falk Scholer

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Priming Effects in Combinatory Categorial Grammar
David Reitter, Julia Hockenmaier and Frank Keller

Better Informed Training of Latent Syntactic Features
Markus Dreyer and Jason Eisner
Sunday, 23 July 2006

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8:25–8:50  Get out the vote: Determining support or opposition from Congressional floor-debate transcripts
Matt Thomas, Bo Pang and Lillian Lee

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Michel Galley

Session 4b: Language Modeling

8:25–8:50  Style & Topic Language Model Adaptation Using HMM-LDA
Bo-June (Paul) Hsu and James Glass

8:50–9:15  Text data acquisition for domain-specific language models
Abhinav Sethy, Panayiotis G. Georgiou and Shrikanth Narayanan

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Kevin Duh and Katrin Kirchhoff

10:05–10:30  Arabic OCR Error Correction Using Character Segment Correction, Language Modeling, and Shallow Morphology
Walid Magdy and Kareem Darwish

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Partially Supervised Sense Disambiguation by Learning Sense Number from Tagged and Untagged Corpora
Zheng-Yu Niu, Dong-Hong Ji and Chew Lim Tan

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Empirical Study on the Performance Stability of Named Entity Recognition Model across Domains
Hong Lei Guo, Li Zhang and Zhong Su
Sunday, 23 July 2006 (continued)

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Erik Velldal and Stephan Oepen

2:10–2:35  *Sentence ordering with manifold-based classification in multi-document summarization*
Paul D Ji and Stephen Pulman

2:35–3:00  *Quality Assessment of Large Scale Knowledge Resources*
Montse Cuadros and German Rigau

3:00–3:25  *Graph-based Word Clustering using a Web Search Engine*
Yutaka Matsuo, Takeshi Sakaki, Kôki Uchiyama and Mitsuru Ishizuka

**Session 5b: Machine Learning Models and Methods**

1:45–2:10  *Context-Dependent Term Relations for Information Retrieval*
Jing Bai, Jian-Yun Nie and Guihong Cao

2:10–2:35  *Loss Minimization in Parse Reranking*
Ivan Titov and James Henderson

2:35–3:00  *Unsupervised Relation Disambiguation with Order Identification Capabilities*
Jinxiu Chen, Donghong Ji, ChewLim Tan and Zhengyu Niu

3:00–3:25  *Competitive generative models with structure learning for NLP classification tasks*
Kristina Toutanova
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4:00–4:25  Two graph-based algorithms for state-of-the-art WSD
Eneko Agirre, David Martínez, Oier López de Lacalle and Aitor Soroa

4:25–4:50  Broad-Coverage Sense Disambiguation and Information Extraction with a Supersense Sequence Tagger
Massimiliano Ciaramita and Yasemin Altun

Session 6b: Machine Learning Models and Methods

4:00–4:25  Learning Field Compatibilities to Extract Database Records from Unstructured Text
Michael Wick, Aron Culotta and Andrew McCallum

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Dmitry Zelenko and Chinatsu Aone

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