

ACL 2014 Daily Program

| June 22nd, 2014 | |
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| 7:30-18:00 | Registration |
| 7:30-9:00 | Breakfast |
| 9:00-12:30 | Session T1 - Gaussian Processes for Natural Language Processing |
| 9:00-12:30 | Session T2 - Scalable Large-Margin Structured Learning: Theory and Algorithms |
| 9:00-12:30 | Session T3 - Semantics for Large-Scale Multimedia: New Challenges for NLP |
| 9:00-12:30 | Session T4 - Wikification and Beyond: The Challenges of Entity and Concept Grounding |
| 12:30-14:00 | Lunch break |
| 14:00-17:30 | Session T5 - New Directions in Vector Space Models of Meaning |
| 14:00-17:30 | Session T6 - Structured Belief Propagation for NLP |
| 14:00-17:30 | Session T7 - Semantics, Discourse and Statistical Machine Translation |
| 14:00-17:30 | Session T8 - Syntactic Processing Using Global Discriminative Learning and Beam-Search Decoding |
| 18:00-21:00 | Welcome Reception |

| June 23rd, 2014 | | | | | |
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| 7:30-18:00 | Registration | | | | |
| 7:30-9:00 | Breakfast | | | | |
| 8:55-9:00 | Opening session - Grand Ballroom I/II/III/IV/V/VI/VII/VIII | | | | |
| 9:00-9:40 | President talk - Grand Ballroom I/II/III/IV/V/VI/VII/VIII | | | | |
| 9:40-10:10 | Coffee break | | | | |
| | Session 1A - Discourse, Dialogue, Coreference and Pragmatics - Grand Ballroom V | Session 1B - Semantics I - Grand Ballroom VI | Session 1C - Machine Translation I - Harborside A/B | Session 1D - Syntax, Parsing and Tagging I - Harborside C | Session 1E - NLP for the Web and Social Media I - Harborside D/E |

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|-------------|--|---|---|---|---|
| 10:10 | Representation Learning for Text-level Discourse Parsing <i>Yangfeng Ji and Jacob Eisenstein</i> | Multilingual Models for Compositional Distributed Semantics <i>Karl Moritz Hermann and Phil Blunsom</i> | Lattice Desegmentation for Statistical Machine Translation <i>Mohammad Salameh, Colin Cherry, Grzegorz Kondrak</i> | TACL: Training Deterministic Parsers with Non-Deterministic Oracles <i>Yoav Goldberg and Joakim Nivre</i> | Unsupervised Solution Post Identification from Discussion Forums <i>Deepak P and Karthik Visweswariah</i> |
| 10:35 | Text-level Discourse Dependency Parsing <i>Sujian Li, Liang Wang, Ziqiang Cao, Wenjie Li</i> | Simple Negation Scope Resolution through Deep Parsing: A Semantic Solution to a Semantic Problem <i>Woodley Packard, Emily M. Bender, Jonathon Read, Stephan Oepen, Rebecca Dridan</i> | Bilingually-constrained Phrase Embeddings for Machine Translation <i>Jiajun Zhang, Shujie Liu, Mu Li, Ming Zhou, Chengqing Zong</i> | TACL: Joint Incremental Disfluency Detection and Dependency Parsing <i>Matthew Honnibal and Mark Johnson</i> | Weakly Supervised User Profile Extraction from Twitter <i>Jiwei Li, Alan Ritter, Eduard Hovy</i> |
| 11:00 | Discovering Latent Structure in Task-Oriented Dialogues <i>Ke Zhai and Jason D Williams</i> | Logical Inference on Dependency-based Compositional Semantics <i>Ran Tian, Yusuke Miyao, Takuya Matsuzaki</i> | Learning New Semi-Supervised Deep Auto-encoder Features for Statistical Machine Translation <i>Shixiang Lu, Zhenbiao Chen, Bo Xu</i> | Tagging The Web: Building A Robust Web Tagger with Neural Network <i>Ji Ma, Yue Zhang, Jingbo Zhu</i> | The effect of wording on message propagation: Topic- and author-controlled natural experiments on Twitter <i>Chenhao Tan, Lillian Lee, Bo Pang</i> |
| 11:25 | Learning Structured Perceptrons for Coreference Resolution with Latent Antecedents and Non-local Features <i>Anders Björkelund and Jonas Kuhn</i> | A practical and linguistically-motivated approach to compositional distributional semantics <i>Denis Paperno, Nghia The Pham, Marco Baroni</i> | Learning Topic Representation for SMT with Neural Networks <i>Lei Cui, Dongdong Zhang, Shujie Liu, Qiming Chen, Mu Li, Ming Zhou, Muyun Yang</i> | TACL: A Crossing-Sensitive Third-Order Factorization for Dependency Parsing <i>Emily Pitler</i> | Inferring User Political Preferences from Streaming Communications <i>Svitlana Volkova, Glen Coppersmith, Benjamin Van Durme</i> |
| 11:50-13:20 | Lunch break; Student Lunch | | | | |
| | Session 2A - Syntax, Parsing and Tagging II - Grand Ballroom V | Session 2B - Semantics II - Grand Ballroom VI | Session 2C - Word Segmentation and POS Tagging - Harborside A/B | Session 2D - SRW - Harborside C | Session 2E - Sentiment Analysis I - Harborside D/E |
| 13:20 | Steps to Excellence: Simple Inference with Refined Scoring of Dependency Trees | Don't count, predict! A systematic comparison of context-counting vs. context-predicting semantic vectors | TACL: Exploring the Role of Stress in Bayesian Word Segmentation using Adaptor Grammars | Bayesian Kernel Methods for Natural Language Processing | An Empirical Study on the Effect of Negation Words on Sentiment |

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| | <i>Yuan Zhang, Tao Lei, Regina Barzilay, Tommi Jaakkola, Amir Globerson</i> | <i>Marco Baroni, Georgiana Dinu, Germán Kruszewski</i> | <i>Benjamin Börschinger and Mark Johnson</i> | <i>Daniel Beck</i> | <i>Xiaodan Zhu, Hongyu Guo, Saif Mohammad, Svetlana Kiritchenko</i> |
| 13:45 | Sparser, Better, Faster GPU Parsing <i>David Hall, Taylor Berg-Kirkpatrick, Dan Klein</i> | Metaphor Detection with Cross-Lingual Model Transfer <i>Yulia Tsvetkov, Leonid Boytsov, Anatole Gershman, Eric Nyberg, Chris Dyer</i> | Modelling function words improves unsupervised word segmentation <i>Mark Johnson, Anne Christophe, Emmanuel Dupoux, Katherine Demuth</i> | Extracting Temporal and Causal Relations between Events <i>Paramita Mirza</i> | Extracting Opinion Targets and Opinion Words from Online Reviews with Graph Co-ranking <i>Kang Liu, Liheng Xu, Jun Zhao</i> |
| 14:10 | Shift-Reduce CCG Parsing with a Dependency Model <i>Wenduan Xu, Stephen Clark, Yue Zhang</i> | Learning Word Sense Distributions, Detecting Unattested Senses and Identifying Novel Senses Using Topic Models <i>Jey Han Lau, Paul Cook, Diana McCarthy, Spandana Gella, Timothy Baldwin</i> | TACL: FLORS: Fast and Simple Domain Adaptation for Part-of-Speech Tagging. <i>Tobias Schnabel, Hinrich Schütze</i> | Towards a discourse relation-aware approach for Chinese-English machine translation <i>Frances Yung</i> | Context-aware Learning for Sentence-level Sentiment Analysis with Posterior Regularization <i>Bishan Yang and Claire Cardie</i> |
| 14:35 | Less Grammar, More Features <i>David Hall, Greg Durrett, Dan Klein</i> | Learning to Automatically Solve Algebra Word Problems <i>Nate Kushman, Luke Zettlemoyer, Regina Barzilay, Yoav Artzi</i> | Max-Margin Tensor Neural Network for Chinese Word Segmentation <i>Wenzhe Pei, Tao Ge, Baobao Chang</i> | Analyzing Positions and Topics in Political Discussions of the German Bundestag <i>Cäcilia Zirn</i> | Product Feature Mining: Semantic Clues versus Syntactic Constituents <i>Liheng Xu, Kang Liu, Siwei Lai, Jun Zhao</i> |
| 15:00-15:30 | Coffee break | | | | |
| | Session 3A - Topic Modeling - Grand Ballroom V | Session 3B - Information Extraction I - Grand Ballroom VI | Session 3C - Generation - Harborside A/B | Session 3D - Syntax, Parsing and Tagging III - Harborside C | Session 3E - Language Resources and Evaluation I - Harborside D/E |
| 15:30 | Aspect Extraction with Automated Prior Knowledge Learning <i>Zhiyuan Chen, Arjun Mukherjee, Bing Liu</i> | Collective Tweet Wikification based on Semi-supervised Graph Regularization <i>Hongzhao Huang, Yunbo Cao, Xiaojiang Huang, Heng Ji, Chin-Yew Lin</i> | That's Not What I Meant! Using Parsers to Avoid Structural Ambiguities in Generated Text <i>Manjuan Duan and Michael White</i> | TACL: A Tabular Method for Dynamic Oracles in Transition-Based Parsing <i>Yoav Goldberg, Francesco Sartorio, Giorgio Satta</i> | A Robust Approach to Aligning Heterogeneous Lexical Resources <i>Mohammad Taher Pilehvar and Roberto Navigli</i> |

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| 15:55 | <p>Anchors Regularized: Adding Robustness and Extensibility to Scalable Topic-Modeling Algorithms</p> <p><i>Thang Nguyen, Yuening Hu, Jordan Boyd-Graber</i></p> | <p>Zero-shot Entity Extraction from Web Pages</p> <p><i>Panupong Pasupat and Percy Liang</i></p> | <p>Surface Realisation from Knowledge-Bases</p> <p><i>Bikash Gyawali and Claire Gardent</i></p> | <p>Grammatical Relations in Chinese: GB-Ground Extraction and Data-Driven Parsing</p> <p><i>Weiwei Sun, Yantao Du, Xin Kou, Shuoyang Ding, Xiaojun Wan</i></p> | <p>Predicting the relevance of distributional semantic similarity with contextual information</p> <p><i>Philippe Muller, Cécile Fabre, Clémentine Adam</i></p> |
| 16:20 | <p>A Bayesian Mixed Effects Model of Literary Character</p> <p><i>David Bamman, Ted Underwood, Noah A. Smith</i></p> | <p>Incremental Joint Extraction of Entity Mentions and Relations</p> <p><i>Qi Li and Heng Ji</i></p> | <p>Hybrid Simplification using Deep Semantics and Machine Translation</p> <p><i>Shashi Narayan and Claire Gardent</i></p> | <p>Ambiguity-aware Ensemble Training for Semi-supervised Dependency Parsing</p> <p><i>Zhenghua Li, Min Zhang, Wenliang Chen</i></p> | <p>TACL: Temporal Annotation in the Clinical Domain</p> <p><i>William Styler, Steven Bethard, Sean Finan, Martha Palmer, Sameer Pradhan, Piet C de Groen, Brad Erickson, Guergana Savova, Tim Miller, Chen Lin, James Pustejovsky</i></p> |
| 16:45-17:00 | Break | | | | |
| 17:00-18:00 | Invited talk I: Corinna Cortes - Grand Ballroom I/II/III/IV/V/VI/VII/VIII | | | | |
| | <p>Learning Ensembles of Structured Prediction Rules</p> <p><i>Corinna Cortes, Vitaly Kuznetsov, Mehryar Mohri</i></p> | | | | |
| 18:05-18:50 | Oral Sessions for Student Research Workshop Posters - Harborside | | | | |
| | <p>A Mapping-Based Approach for General Formal Human Computer Interaction Using Natural Language</p> <p><i>Vincent Letard, Sophie Rosset and Gabriel Illouz</i></p> <p>An Exploration of Embeddings for Generalized Phrases</p> <p><i>Wenpeng Yin and Hinrich Schütze</i></p> <p>Learning Grammar with Explicit Annotations for Subordinating Conjunctions in Chinese</p> <p><i>Dongchen Li, Xiantao Zhang and Xihong Wu</i></p> <p>Going beyond sentences when applying tree kernels</p> <p><i>Dmitry Ilvovsky</i></p> <p>Multi-document summarization using distortion-rate ratio</p> <p><i>Ulukbek Attokurov and Ulug Bayazit</i></p> <p>Disambiguating prepositional phrase attachment sites with sense information captured in contextualized distributional data</p> <p><i>Clayton Greenberg</i></p> <p>Open Information Extraction for Spanish Language based on Syntactic Constraints</p> <p><i>Alisa Zhila and Alexander Gelbukh</i></p> | | | | |

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| | <p>Improving Text Normalization via Unsupervised Model and Discriminative Reranking <i>Chen Li and Yang Liu</i></p> <p>Polylingual Tree-Based Topic Models for Translation Domain Adaptation <i>Yuening Hu, Ke Zhai, Vladimir Eidelman and Jordan Boyd-Graber</i></p> <p>Aspect Extraction with Automated Prior Knowledge Learning <i>Zhiyuan Chen, Arjun Mukherjee and Bing Liu</i></p> <p>Automatically constructing Wordnet Synsets <i>Khang Nhut Lam, Feras Al Tarouti and Jugal Kalita</i></p> <p>Discovering Latent Structure in Task-Oriented Dialogues <i>Ke Zhai and Jason D. Williams</i></p> <p>Fast Easy Unsupervised Domain Adaptation with Marginalized Structured Dropout <i>Yi Yang and Jacob Eisenstein</i></p> <p>Heterogeneous Networks and Their Applications: Scientometrics, Name Disambiguation, and Topic Modeling <i>Ben King, Rahul Jha and Dragomir R. Radev</i></p> <p>Linguistic Considerations in Automatic Question Generation <i>Karen Mazidi and Rodney D. Nielsen</i></p> <p>Modelling Factuality Judgements in Social Media Text <i>Sandeep Soni, Tanushree Mitra, Eric Gilbert and Jacob Eisenstein</i></p> <p>Representation Learning for Text-level Discourse Parsing <i>Yangfeng Ji and Jacob Eisenstein</i></p> <p>Building Sentiment Lexicons for All Major Languages <i>Yanqing Chen and Steven Skiena</i></p> <p>ConnotationWordNet: Learning Connotation over the Word+Sense Network <i>Jun Seok Kang, Song Feng, Leman Akoglu and Yejin Choi</i></p> <p>ReNew: A Semi-Supervised Framework for Generating Domain-Specific Lexicons and Sentiment Analysis <i>Zhe Zhang and Munindar P. Singh</i></p> <p>A Study of Concept-based Weighting Regularization for Medical Records Search <i>Yue Wang, Xitong Liu and Hui Fang</i></p> <p>Two Knives Cut Better Than One: Chinese Word Segmentation with Dual Decomposition <i>Mengqiu Wang, Rob Voigt and Christopher D. Manning</i></p> <p>Political Ideology Detection Using Recursive Neural Networks <i>Mohit Iyyer, Peter Enns, Jordan Boyd-Graber and Philip Resnik</i></p> |
| 18:50-21:30 | Poster and Dinner Session I: ACL papers, Long Papers, Short Papers, Student Research Workshop; Demonstrations - Grand Ballroom I/II/III/IV/V/VI/VII/VIII/IX/X |
| TACL papers | |
| | T1 Entity Linking meets Word Sense Disambiguation: A Unified Approach |

Andrea Moro, Alessandro Raganato, Roberto Navigli

T2 Data-Driven Metaphor Recognition and Explanation

Hongsong Li, Kenny Zhu, Haixun Wang

T3 Grounded Compositional Semantics for Finding and Describing Images with Sentences

Richard Socher, Quoc V. Le, Christopher D. Manning, and Andrew Y. Ng

T4 Parallel Algorithms for Unsupervised Tagging

Sujith Ravi, Sergei Vassilivitskii, Vibhor Rastogi

T5 Heterogeneous Networks and Their Applications: Scientometrics, Name Disambiguation, and Topic Modeling

Ben King, Rahul Jha, and Dragomir Radev

T6 Discriminative Lexical Semantic Segmentation with Gaps: Running the MWE Gamut

Nathan Schneider, Emily Danchik, Chris Dyer, Noah A. Smith

Long papers

LP1 Interpretable Semantic Vectors from a Joint Model of Brain- and Text- Based Meaning

Alona Fyshe, Partha P. Talukdar, Brian Murphy, Tom M. Mitchell

LP2 Single-Agent vs. Multi-Agent Techniques for Concurrent Reinforcement Learning of Negotiation Dialogue Policies

Kallirroi Georgila, Claire Nelson, David Traum

LP3 A Linear-Time Bottom-Up Discourse Parser with Constraints and Post-Editing

Vanessa Wei Feng and Graeme Hirst

LP4 Negation Focus Identification with Contextual Discourse Information

Bowei Zou, Guodong Zhou, Qiaoming Zhu

LP5 New Word Detection for Sentiment Analysis

Minlie Huang, Borui Ye, Yichen Wang, Haiqiang Chen, Junjun Cheng, Xiaoyan Zhu

LP6 ReNew: A Semi-Supervised Framework for Generating Domain-Specific Lexicons and Sentiment Analysis

Zhe Zhang and Munindar P. Singh

LP7 A Decision-Theoretic Approach to Natural Language Generation

Nathan McKinley and Soumya Ray

LP8 Generating Code-switched Text for Lexical Learning

Igor Labutov and Hod Lipson

LP9 Omni-word Feature and Soft Constraint for Chinese Relation Extraction

Yanping Chen, Qinghua Zheng, Wei Zhang

LP10 Bilingual Active Learning for Relation Classification via Pseudo Parallel Corpora

Longhua Qian, Haotian Hui, Ya'nan Hu, Guodong Zhou, Qiaoming Zhu

LP11 Learning Soft Linear Constraints with Application to Citation Field Extraction

Sam Anzaroot, Alexandre Passos, David Belanger, Andrew McCallum

LP12 A Study of Concept-based Weighting Regularization for Medical Records Search

Yue Wang, Xitong Liu, Hui Fang

LP13 Learning to Predict Distributions of Words Across Domains

Danushka Bollegala, David Weir, John Carroll

LP14 How to make words with vectors: Phrase generation in distributional semantics

Georgiana Dinu and Marco Baroni

LP15 Vector space semantics with frequency-driven motifs

Shashank Srivastava and Eduard Hovy

LP16 Lexical Inference over Multi-Word Predicates: A Distributional Approach

Omri Abend, Shay B. Cohen, Mark Steedman

LP17 A Convolutional Neural Network for Modelling Sentences

Nal Kalchbrenner, Edward Grefenstette, Phil Blunsom

LP18 Online Learning in Tensor Space

Yuan Cao and Sanjeev Khudanpur

LP19 Graph-based Semi-Supervised Learning of Translation Models from Monolingual Data

Avneesh Saluja, Hany Hassan, Kristina Toutanova, Chris Quirk

LP20 Using Discourse Structure Improves Machine Translation Evaluation

Francisco Guzmán, Shafiq Joty, Lluís Màrquez, Preslav Nakov

LP21 Learning Continuous Phrase Representations for Translation Modeling

Jianfeng Gao, Xiaodong He, Wen-tau Yih, Li Deng

LP22 Adaptive Quality Estimation for Machine Translation

Marco Turchi, Antonios Anastasopoulos, José G. C. de Souza, Matteo Negri

LP23 Learning Grounded Meaning Representations with Autoencoders

Carina Silberer and Mirella Lapata

LP24 Joint POS Tagging and Transition-based Constituent Parsing in Chinese with Non-local Features

Zhiguo Wang and Nianwen Xue

LP25 Strategies for Contiguous Multiword Expression Analysis and Dependency Parsing

Marie Candito and Matthieu Constant

LP26 Correcting Preposition Errors in Learner English Using Error Case Frames and Feedback Messages

Ryo Nagata, Mikko Vilenius, Edward Whittaker

Short papers

SP1 Exploring the Relative Role of Bottom-up and Top-down Information in Phoneme Learning

Abdellah Fourtassi, Thomas Schatz, Balakrishnan Varadarajan, Emmanuel Dupoux

SP2 Biases in Predicting the Human Language Model

Alex B. Fine, Austin F. Frank, T. Florian Jaeger, Benjamin Van Durme

SP3 Probabilistic Labeling for Efficient Referential Grounding based on Collaborative Discourse

Changsong Liu, Lanbo She, Rui Fang, Joyce Y. Chai

SP4 A Composite Kernel Approach for Dialog Topic Tracking with Structured Domain Knowledge from Wikipedia

Seokhwan Kim, Rafael E. Banchs, Haizhou Li

SP5 An Extension of BLANC to System Mentions

Xiaoqiang Luo, Sameer Pradhan, Marta Recasens, Eduard Hovy

SP6 Scoring Coreference Partitions of Predicted Mentions: A Reference Implementation

Sameer Pradhan, Xiaoqiang Luo, Marta Recasens, Eduard Hovy, Vincent Ng, Michael Strube

SP7 Measuring Sentiment Annotation Complexity of Text

Aditya Joshi, Abhijit Mishra, Nivvedan Senthamilselvan, Pushpak Bhattacharyya

SP8 Improving Citation Polarity Classification with Product Reviews

Charles Jochim and Hinrich Schütze

SP9 Adaptive Recursive Neural Network for Target-dependent Twitter Sentiment Classification

Li Dong, Furu Wei, Chuanqi Tan, Duyu Tang, Ming Zhou, Ke Xu

SP10 Sprinkling Topics for Weakly Supervised Text Classification

Swapnil Hingmire and Sutanu Chakraborti

SP11 A Feature-Enriched Tree Kernel for Relation Extraction

Le Sun and Xianpei Han

SP12 Employing Word Representations and Regularization for Domain Adaptation of Relation Extraction

Thien Huu Nguyen and Ralph Grishman

SP13 Graph Ranking for Collective Named Entity Disambiguation

Ayman Alhelbawy and Robert Gaizauskas

SP14 Descending-Path Convolution Kernel for Syntactic Structures

Chen Lin, Timothy Miller, Alvin Kho, Steven Bethard, Dmitriy Dligach, Sameer Pradhan, Guergana Savova

SP15 Entities' Sentiment Relevance

Zvi Ben-Ami, Ronen Feldman, Binyamin Rosenfeld

SP16 Automatic Detection of Multilingual Dictionaries on the Web

Gintare Grigonyte and Timothy Baldwin

SP17 Automatic Detection of Cognates Using Orthographic Alignment

Alina Maria Ciobanu and Liviu P. Dinu

SP18 Automatically constructing Wordnet Synsets

Khang Nhut Lam, Feras Al Tarouti, Jugal Kalita

SP19 Constructing a Turkish-English Parallel TreeBank

Olcay Taner Yıldız, Ercan Solak, Onur Görgün, Razieh Ehsani

SP20 Improved Typesetting Models for Historical OCR

Taylor Berg-Kirkpatrick and Dan Klein

SP21 Robust Logistic Regression using Shift Parameters

Julie Tibshirani and Christopher D. Manning

SP22 Faster Phrase-Based Decoding by Refining Feature State

Kenneth Heafield, Michael Kayser, Christopher Manning

SP23 Decoder Integration and Expected BLEU Training for Recurrent Neural Network Language Models

Michael Auli and Jianfeng Gao

SP24 On the Elements of an Accurate Tree-to-String Machine Translation System

Graham Neubig and Kevin Duh

SP25 Simple extensions and POS Tags for a reparameterised IBM Model 2

Douwe Gelling and Trevor Cohn

SP26 Dependency-based Pre-ordering for Chinese-English Machine Translation

Jingsheng Cai, Masao Utiyama, Eiichiro Sumita, Yujie Zhang

SP27 Generalized Character-Level Spelling Error Correction

Noura Farra, Nadi Tomeh, Alla Rozovskaya, Nizar Habash

SP28 Improved Iterative Correction for Distant Spelling Errors

Sergey Gubanov, Irina Galinskaya, Alexey Baytin

SP29 Predicting Grammaticality on an Ordinal Scale

Michael Heilman, Aoife Cahill, Nitin Madnani, Melissa Lopez, Matthew Mulholland, Joel Tetreault

SP30 I'm a Belieber: Social Roles via Self-identification and Conceptual Attributes

Charley Beller, Rebecca Knowles, Craig Harman, Shane Bergsma, Margaret Mitchell, Benjamin Van Durme

SP31 Automatically Detecting Corresponding Edit-Turn-Pairs in Wikipedia

Johannes Daxenberger and Iryna Gurevych

SP32 Two Knives Cut Better Than One: Chinese Word Segmentation with Dual Decomposition

Mengqiu Wang, Rob Voigt, Christopher D. Manning

SP33 Effective Document-Level Features for Chinese Patent Word Segmentation

Si Li and Nianwen Xue

SP34 Word Segmentation of Informal Arabic with Domain Adaptation

Will Monroe, Spence Green, Christopher D. Manning

SP35 Resolving Lexical Ambiguity in Tensor Regression Models of Meaning

Dimitri Kartsaklis, Nal Kalchbrenner, Mehrnoosh Sadrzadeh

SP36 A Novel Content Enriching Model for Microblog Using News Corpus

Yunlun Yang, Zhihong Deng, Hongliang Yu

SP37 Learning Bilingual Word Representations by Marginalizing Alignments

Tomáš Kočiský, Karl Moritz Hermann, Phil Blunsom

SP38 Detecting Retries of Voice Search Queries

Rivka Levitan and David Elson

SP39 Sliding Alignment Windows for Real-Time Crowd Captioning

Mohammad Kazemi, Rahman Lavaee, Iftekhar Naim, Daniel Gildea

SP40 Detection of Topic and its Extrinsic Evaluation Through Multi-Document Summarization

Fumiyo Fukumoto

SP41 Content Importance Models for Scoring Writing From Sources

Beata Beigman Klebanov, Nitin Madnani, Jill Burstein, Swapna Somasundaran

SP42 Chinese Morphological Analysis with Character-level POS Tagging

Mo Shen, Hongxiao Liu, Daisuke Kawahara, Sadao Kurohashi

SP43 Part-of-Speech Tagging using Conditional Random Fields: Exploiting Sub-Label Dependencies for Improved Accuracy

Miikka Silfverberg, Teemu Ruokolainen, Krister Linden, mikko kurimo

SP44 POS induction with distributional and morphological information using a distance-dependent Chinese restaurant process

Kairit Sirts, Jacob Eisenstein, Micha Elsner, Sharon Goldwater

SP45 Improving the Recognizability of Syntactic Relations Using Contextualized Examples

Aditi Muralidharan and Marti Hearst

Posters for Main Conference Long and Short Oral Presentations Supported by the Student Research Workshop

A1 Aspect Extraction with Automated Prior Knowledge Learning

Zhiyuan Chen, Arjun Mukherjee and Bing Liu

A2 Discovering Latent Structure in Task-Oriented Dialogues

Ke Zhai and Jason D Williams

A3 Linguistic Considerations in Automatic Question Generation

Karen Mazidi and Rodney D. Nielsen

A4 Representation Learning for Text-level Discourse Parsing

Yangfeng Ji and Jacob Eisenstein

A5 Building Sentiment Lexicons for All Major Languages

Yanqing Chen and Steven Skiena

A6 ConnotationWordNet: Learning Connotation over the Word+Sense Network

Jun Seok Kang, Song Feng, Leman Akoglu and Yejin Choi

Student Research Workshop

SRW1 Semi-Automatic Development of KurdNet, The Kurdish WordNet

Purya Aliabadi

SRW2 Bayesian Kernel Methods for Natural Language Processing

Daniel Beck

SRW3 Extracting Temporal and Causal Relations between Events

Paramita Mirza

SRW4 Towards a discourse relation-aware approach for Chinese-English machine translation

Frances Yung

SRW5 Analyzing Positions and Topics in Political Discussions of the German Bundestag

Cäcilia Zirn

SRW6 A Mapping-Based Approach for General Formal Human Computer Interaction Using Natural Language

Vincent Letard, Sophie Rosset and Gabriel Illouz

SRW7 An Exploration of Embeddings for Generalized Phrases

Wenpeng Yin and Hinrich Schütze

SRW8 Learning Grammar with Explicit Annotations for Subordinating Conjunctions in Chinese

Dongchen Li, Xiantao Zhang and Xihong Wu

SRW9 Going beyond sentences when applying tree kernels

Dmitry Ilvovsky

SRW10 Multi-document summarization using distortion-rate ratio

Ulukbek Attokurov and Ulug Bayazit

SRW11 Disambiguating prepositional phrase attachment sites with sense information captured in contextualized distributional data

Clayton Greenberg

SRW12 Open Information Extraction for Spanish Language based on Syntactic Constraints

Alisa Zhila and Alexander Gelbukh

SRW13 Improving Text Normalization via Unsupervised Model and Discriminative Reranking

Chen Li and Yang Liu

Demos

D1 Cross-Lingual Information to the Rescue in Keyword Extraction

Chung-Chi Huang, Maxine Eskenazi, Jaime Carbonell, Lun-Wei Ku, Ping-Che Yang

D2 Visualization, Search, and Error Analysis for Coreference Annotations

Markus Gärtner, Anders Björkelund, Gregor Thiele, Wolfgang Seeker, Jonas Kuhn

D3 Open-Source Tools for Morphology, Lemmatization, POS Tagging and Named Entity Recognition

Jana Straková, Milan Straka, Jan Hajič

D4 Community Evaluation and Exchange of Word Vectors at wordvectors.org

Manaal Faruqui and Chris Dyer

D5 WINGS: Writing with Intelligent Guidance and Suggestions

Xianjun Dai, Yuanchao Liu, Xiaolong Wang, Bingquan Liu

D6 DKPro Keyphrases: Flexible and Reusable Keyphrase Extraction Experiments

Nicolai Erbs, Pedro Bispo Santos, Iryna Gurevych, Torsten Zesch

D7 Real-Time Detection, Tracking, and Monitoring of Automatically Discovered Events in Social Media

Miles Osborne, Sean Moran, Richard McCreddie, Alexander Von Lunen, Martin Sykora, Elizabeth Cano, Neil Ireson, Craig Macdonald, Iadh Ounis, Yulan He, Tom Jackson, Fabio Ciravegna, Ann O'Brien

D8 The Excitement Open Platform for Textual Inferences

Bernardo Magnini, Roberto Zanolini, Ido Dagan, Kathrin Eichler, Guenter Neumann, Tae-Gil Noh, Sebastian Padó, Asher Stern, Omer Levy

D9 WELT: Using Graphics Generation in Linguistic Fieldwork

Morgan Ulinski, Anusha Balakrishnan, Bob Coyne, Julia Hirschberg, Owen Rambow

| June 24th, 2014 | | | | | |
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| 7:30-18:00 | Registration | | | | |
| 7:30-9:00 | Breakfast | | | | |
| 9:00-10:00 | Invited talk II: Zoran Popovic - Grand Ballroom I/II/III/IV/V/VI/VII/VIII/IX/X | | | | |
| 10:00-10:30 | Coffee break | | | | |
| | Session 4A - Machine Learning for NLP - Grand Ballroom V | Session 4B - Information Extraction II - Grand Ballroom VI | Session 4C - Machine Translation II - Harborside A/B | Session 4D - Summarization - Harborside C | Session 4E - Language Resources and Evaluation II - Harborside D/E |
| 10:30 | Kneser-Ney Smoothing on Expected Counts <i>Hui Zhang and David Chiang</i> | Robust Domain Adaptation for Relation Extraction via Clustering Consistency <i>Minh Luan Nguyen, Ivor W. Tsang, Kian Ming A. Chai, Hai Leong Chieu</i> | Enhancing Grammatical Cohesion: Generating Transitional Expressions for SMT <i>Mei Tu, Yu Zhou, Chengqing Zong</i> | Modelling Events through Memory-based, Open-IE Patterns for Abstractive Summarization <i>Daniele Pighin, Marco Cornolti, Enrique Alfonseca, Katja Filippova</i> | TACL: Segmentation for Efficient Supervised Language Annotation with an Explicit Cost-Utility Tradeoff <i>Matthias Sperber, Mirjam Simantzik, Graham Neubig, Satoshi Nakamura, and Alex Waibel</i> |
| 10:55 | Robust Entity Clustering via Phylogenetic Inference <i>Nicholas Andrews, Jason Eisner, Mark Dredze</i> | Encoding Relation Requirements for Relation Extraction via Joint Inference <i>Liwei Chen, Yansong Feng, Songfang Huang, Yong Qin, Dongyan Zhao</i> | Adaptive HTER Estimation for Document-Specific MT Post-Editing <i>Fei Huang, Jian-Ming Xu, Abraham Ittycheriah, Salim Roukos</i> | Hierarchical Summarization: Scaling Up Multi-Document Summarization <i>Janara Christensen, Stephen Soderland, Gagan Bansal</i> | A chance-corrected measure of inter-annotator agreement for syntax <i>Arne Skjærholt</i> |
| 11:20 | Linguistic Structured Sparsity in Text Categorization <i>Dani Yogatama and Noah A. Smith</i> | Medical Relation Extraction with Manifold Models <i>Chang Wang and James Fan</i> | Translation Assistance by Translation of L1 Fragments in an L2 Context <i>Maarten van Gompel and Antal van den Bosch</i> | Query-Chain Focused Summarization <i>Tal Baumel, Raphael Cohen, Michael Elhadad</i> | Two Is Bigger (and Better) Than One: the Wikipedia Bitaxonomy Project <i>Tiziano Flati, Daniele Vannella, Tommaso Pasini, Roberto Navigli</i> |
| 11:45 | Perplexity on Reduced Corpora | Distant Supervision for Relation Extraction with Matrix Completion | Response-based Learning for Grounded Machine Translation | Exploiting Timelines to Enhance Multi-document Summarization | TACL: The Language Demographics of Amazon Mechanical Turk |

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| | <i>Hayato Kobayashi</i> | <i>Miao Fan, Deli Zhao, Qiang Zhou, Zhiyuan Liu, Thomas Fang Zheng, Edward Y. Chang</i> | <i>Stefan Riezler, Patrick Simianer, Carolin Haas</i> | <i>Jun-Ping Ng, Yan Chen, Min-Yen Kan, Zhoujun Li</i> | <i>Ellie Pavlick, Matt Post, Ann Irvine, Dmitry Kachaev, Chris Callison-Burch</i> |
| 12:10-13:30 | Lunch break | | | | |
| | Session 5A - Question Answering - Grand Ballroom V | Session 5B - Information Extraction III - Grand Ballroom VI | Session 5C - Lexical Semantics and Ontology I - Harborside A/B | Session 5D - Syntax, Parsing and Tagging IV - Harborside C | Session 5E - Cognitive Modeling and Psycholinguistics - Harborside D/E |
| 13:30 | Information Extraction over Structured Data: Question Answering with Freebase <i>Xuchen Yao and Benjamin Van Durme</i> | Toward Future Scenario Generation: Extracting Event Causality Exploiting Semantic Relation, Context, and Association Features <i>Chikara Hashimoto, Kentaro Torisawa, Julien Kloetzer, Motoki Sano, István Varga, Jong-Hoon Oh, Yutaka Kidawara</i> | That's sick dude!: Automatic identification of word sense change across different timescales <i>Sunny Mitra, Ritwik Mitra, Martin Riedl, Chris Biemann, Animesh Mukherjee, Pawan Goyal</i> | A Provably Correct Learning Algorithm for Latent-Variable PCFGs <i>Shay B. Cohen and Michael Collins</i> | Weak semantic context helps phonetic learning in a model of infant language acquisition <i>Stella Frank, Naomi H. Feldman, Sharon Goldwater</i> |
| 13:55 | Knowledge-Based Question Answering as Machine Translation <i>Junwei Bao, Nan Duan, Ming Zhou, Tiejun Zhao</i> | Cross-narrative Temporal Ordering of Medical Events <i>Preethi Raghavan, Eric Fosler-Lussier, Noémie Elhadad, Albert M. Lai</i> | A Step-wise Usage-based Method for Inducing Polysemy-aware Verb Classes <i>Daisuke Kawahara, Daniel W. Peterson, Martha Palmer</i> | Spectral Unsupervised Parsing with Additive Tree Metrics <i>Ankur P. Parikh, Shay B. Cohen, Eric P. Xing</i> | Bootstrapping into Filler-Gap: An Acquisition Story <i>Marten van Schijndel and Micha Elsner</i> |
| 14:20 | Discourse Complements Lexical Semantics for Non-factoid Answer Reranking <i>Peter Jansen, Mihai Surdeanu, Peter Clark</i> | Language-Aware Truth Assessment of Fact Candidates <i>Ndapandula Nakashole and Tom M. Mitchell</i> | Structured Learning for Taxonomy Induction with Belief Propagation <i>Mohit Bansal, David Burkett, Gerard de Melo, Dan Klein</i> | TACL: Cross-lingual Projected Expectation Regularization for Weakly Supervised Learning <i>Mengqiu Wang and Christopher D. Manning</i> | Nonparametric Learning of Phonological Constraints in Optimality Theory <i>Gabriel Doyle, Klinton Bicknell, Roger Levy</i> |
| 14:45-15:15 | Coffee break | | | | |
| Short Papers | Session 6A - Machine Translation III - Grand Ballroom V | Session 6B - Lexical Semantics and Ontology II - Grand Ballroom VI | Session 6C - Generation/Summarization/Dialogue - Harborside A/B | Session 6D - NLP Applications and NLP Enabled Technology I - Harborside C | Session 6E - Language Resources and Evaluation III - Harborside D/E |

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| 15:15 | How to Speak a Language without Knowing It <i>Xing Shi, Kevin Knight, Heng Ji</i> | Improving sparse word similarity models with asymmetric measures <i>Jean Mark Gawron</i> | Single Document Summarization based on Nested Tree Structure <i>Yuta Kikuchi, Tsutomu Hirao, Hiroya Takamura, Manabu Okumura, Masaaki NAGATA</i> | Tri-Training for Authorship Attribution with Limited Training Data <i>Tieyun Qian, Bing Liu, Li Chen, Zhiyong Peng</i> | Experiments with crowdsourced re-annotation of a POS tagging data set <i>Dirk Hovy, Barbara Plank, Anders Søgaard</i> |
| 15:30 | Assessing the Discourse Factors that Influence the Quality of Machine Translation <i>Junyi Jessy Li, Marine Carpuat, Ani Nenkova</i> | Dependency-Based Word Embeddings <i>Omer Levy and Yoav Goldberg</i> | Linguistic Considerations in Automatic Question Generation <i>Karen Mazidi and Rodney D. Nielsen</i> | Automation and Evaluation of the Keyword Method for Second Language Learning <i>Gozde Ozbal, Daniele Pighin, Carlo Strapparava</i> | Building Sentiment Lexicons for All Major Languages <i>Yanqing Chen and Steven Skiena</i> |
| 15:45 | Automatic Detection of Machine Translated Text and Translation Quality Estimation <i>Roei Aharoni, Moshe Koppel, Yoav Goldberg</i> | Vector spaces for historical linguistics: Using distributional semantics to study syntactic productivity in diachrony <i>Florent Perek</i> | Polynomial Time Joint Structural Inference for Sentence Compression <i>Xian Qian and Yang Liu</i> | Citation Resolution: A method for evaluating context-based citation recommendation systems <i>Daniel Duma and Ewan Klein</i> | Difficult Cases: From Data to Learning, and Back <i>Beata Beigman Klebanov and Eyal Beigman</i> |
| 16:00 | | | A Bayesian Method to Incorporate Background Knowledge during Automatic Text Summarization <i>Annie Louis</i> | Hippocratic Abbreviation Expansion <i>Brian Roark and Richard Sproat</i> | The VerbCorner Project: Findings from Phase 1 of crowd-sourcing a semantic decomposition of verbs <i>Joshua K. Hartshorne, Claire Bonial, Martha Palmer</i> |
| 16:15 | | | Predicting Power Relations between Participants in Written Dialog from a Single Thread <i>Vinodkumar Prabhakaran and Owen Rambow</i> | Unsupervised Feature Learning for Visual Sign Language Identification <i>Binyam Gebrekidan Gebre, Onno Crasborn, Peter Wittenburg, Sebastian Drude, Tom Heskes</i> | A Corpus of Sentence-level Revisions in Academic Writing: A Step towards Understanding Statement Strength in Communication <i>Chenhao Tan and Lillian Lee</i> |
| 16:30-16:50 | Break | | | | |
| 16:50-19:20 | Poster and Dinner Session II: Long Papers, Short Papers and Demonstrations - Grand Ballroom I/II/III/IV/V/VI/VII/VIII | | | | |
| Long papers | | | | | |

LP27 Active Learning with Efficient Feature Weighting Methods for Improving Data Quality and Classification Accuracy

Justin Martineau, Lu Chen, Doreen Cheng, Amit Sheth

LP28 Political Ideology Detection Using Recursive Neural Networks

Mohit Iyyer, Peter Enns, Jordan Boyd-Graber, Philip Resnik

LP29 A Unified Model for Soft Linguistic Reordering Constraints in Statistical Machine Translation

Junhui Li, Yuval Marton, Philip Resnik, Hal Daumé III

LP30 Are Two Heads Better than One? Crowdsourced Translation via a Two-Step Collaboration of Non-Professional Translators and Editors

Rui Yan, Mingkun Gao, Ellie Pavlick, Chris Callison-Burch

LP31 A Generalized Language Model as the Combination of Skipped n-grams and Modified Kneser Ney Smoothing

Rene Pickhardt, Thomas Gottron, Martin Körner, Paul Georg Wagner, Till Speicher, Steffen Staab

LP32 A Semiparametric Gaussian Copula Regression Model for Predicting Financial Risks from Earnings Calls

William Yang Wang and Zhenhao Hua

LP33 Polylingual Tree-Based Topic Models for Translation Domain Adaptation

Yuening Hu, Ke Zhai, Vladimir Eidelman, Jordan Boyd-Graber

LP34 Low-Resource Semantic Role Labeling

Matthew R. Gormley, Margaret Mitchell, Benjamin Van Durme, Mark Dredze

LP35 Joint Syntactic and Semantic Parsing with Combinatory Categorical Grammar

Jayant Krishnamurthy and Tom M. Mitchell

LP36 Learning Semantic Hierarchies via Word Embeddings

Ruiji Fu, Jiang Guo, Bing Qin, Wanxiang Che, Haifeng Wang, Ting Liu

LP37 Probabilistic Soft Logic for Semantic Textual Similarity

Islam Beltagy, Katrin Erk, Raymond Mooney

LP38 Abstractive Summarization of Spoken and Written Conversations Based on Phrasal Queries

Yashar Mehdad, Giuseppe Carenini, Raymond T. Ng

LP39 Comparing Multi-label Classification with Reinforcement Learning for Summarisation of Time-series Data

Dimitra Gkatzia, Helen Hastie, Oliver Lemon

LP40 Approximation Strategies for Multi-Structure Sentence Compression

Kapil Thadani

LP41 Opinion Mining on YouTube

Aliaksei Severyn, Alessandro Moschitti, Olga Uryupina, Barbara Plank, Katja Filippova

LP42 Automatic Keyphrase Extraction: A Survey of the State of the Art

Kazi Saidul Hasan and Vincent Ng

LP43 Pattern Dictionary of English Prepositions

Ken Litkowski

LP44 Looking at Unbalanced Specialized Comparable Corpora for Bilingual Lexicon Extraction

Emmanuel Morin and Amir Hazem

LP45 Validating and Extending Semantic Knowledge Bases using Video Games with a Purpose
Daniele Vannella, David Jurgens, Daniele Scarfini, Domenico Toscani, Roberto Navigli

LP46 Shallow Analysis Based Assessment of Syntactic Complexity for Automated Speech Scoring
Suma Bhat, Huichao Xue, Su-Youn Yoon

LP47 Can You Repeat That? Using Word Repetition to Improve Spoken Term Detection
Jonathan Wintrobe and Sanjeev Khudanpur

LP48 Character-Level Chinese Dependency Parsing
Meishan Zhang, Yue Zhang, Wanxiang Che, Ting Liu

LP49 Unsupervised Dependency Parsing with Transferring Distribution via Parallel Guidance and Entropy Regularization
Xuezhe Ma and Fei Xia

LP50 Unsupervised Morphology-Based Vocabulary Expansion
Mohammad Sadegh Rasooli, Thomas Lippincott, Nizar Habash, Owen Rambow

LP51 Toward Better Chinese Word Segmentation for SMT via Bilingual Constraints
Xiaodong Zeng, Lidia S. Chao, Derek F. Wong, Isabel Trancoso, Liang Tian

Short Papers

SP46 Determiner-Established Deixis to Communicative Artifacts in Pedagogical Text
Shomir Wilson and Jon Oberlander

SP47 Modeling Factuality Judgments in Social Media Text
Sandeep Soni, Tanushree Mitra, Eric Gilbert, Jacob Eisenstein

SP48 A Topic Model for Building Fine-grained Domain-specific Emotion Lexicon
Min Yang, Dingju Zhu, Kam-Pui Chow

SP49 Depeche Mood: a Lexicon for Emotion Analysis from Crowd Annotated News
Jacopo Staiano and Marco Guerini

SP50 Improving Twitter Sentiment Analysis with Topic-Based Mixture Modeling and Semi-Supervised Training
Bing Xiang and Liang Zhou

SP51 Cross-cultural Deception Detection
Verónica Pérez-Rosas and Rada Mihalcea

SP52 Particle Filter Rejuvenation and Latent Dirichlet Allocation
Chandler May, Alex Clemmer, Benjamin Van Durme

SP53 Comparing Automatic Evaluation Measures for Image Description
Desmond Elliott and Frank Keller

SP54 Learning a Lexical Simplifier Using Wikipedia
Colby Horn, Cathryn Manduca, David Kauchak

SP55 Cheap and easy entity evaluation
Ben Hachey, Joel Nothman, Will Radford

SP56 Identifying Real-Life Complex Task Names with Task-Intrinsic Entities from Microblogs

Ting-Xuan Wang, Kun-Yu Tsai, Wen-Hsiang Lu

SP57 Mutual Disambiguation for Entity Linking

Eric Charton, Marie-Jean Meurs, Ludovic Jean-Louis, Michel Gagnon

SP58 How Well can We Learn Interpretable Entity Types from Text?

Dirk Hovy

SP59 Learning Translational and Knowledge-based Similarities from Relevance Rankings for Cross-Language Retrieval

Shigehiko Schamoni, Felix Hieber, Artem Sokolov, Stefan Riezler

SP60 Two-Stage Hashing for Fast Document Retrieval

Hao Li, Wei Liu, Heng Ji

SP61 An Annotation Framework for Dense Event Ordering

Taylor Cassidy, Bill McDowell, Nathanael Chambers, Steven Bethard

SP62 Linguistically debatable or just plain wrong?

Barbara Plank, Dirk Hovy, Anders Søgaard

SP63 Humans Require Context to Infer Ironic Intent (so Computers Probably do, too)

Byron C. Wallace, Do Kook Choe, Laura Kertz, Eugene Charniak

SP64 Automatic prediction of aspectual class of verbs in context

Annemarie Friedrich and Alexis Palmer

SP65 Combining Word Patterns and Discourse Markers for Paradigmatic Relation Classification

Michael Roth and Sabine Schulte im Walde

SP66 Applying a Naive Bayes Similarity Measure to Word Sense Disambiguation

Tong Wang and Graeme Hirst

SP67 Fast Easy Unsupervised Domain Adaptation with Marginalized Structured Dropout

Yi Yang and Jacob Eisenstein

SP68 Improving Lexical Embeddings with Semantic Knowledge

Mo Yu and Mark Dredze

SP69 Optimizing Segmentation Strategies for Simultaneous Speech Translation

Yusuke Oda, Graham Neubig, Sakriani Sakti, Tomoki Toda, Satoshi Nakamura

SP70 A joint inference of deep case analysis and zero subject generation for Japanese-to-English statistical machine translation

Taku Kudo, Hiroshi Ichikawa, Hideto Kazawa

SP71 A Hybrid Approach to Skeleton-based Translation

Tong Xiao, Jingbo Zhu, Chunliang Zhang

SP72 Effective Selection of Translation Model Training Data

Le Liu, Yu Hong, Hao Liu, Xing Wang, Jianmin Yao

SP73 Refinements to Interactive Translation Prediction Based on Search Graphs

Philipp Koehn, Chara Tsoukala, Herve Saint-Amand

SP74 Cross-lingual Model Transfer Using Feature Representation Projection

Mikhail Kozhevnikov and Ivan Titov

SP75 Cross-language and Cross-encyclopedia Article Linking Using Mixed-language Topic Model and Hypernym Translation

Yu-Chun Wang, Chun-Kai Wu, Richard Tzong-Han Tsai

SP76 Nonparametric Method for Data-driven Image Captioning

Rebecca Mason and Eugene Charniak

SP77 Improved Correction Detection in Revised ESL Sentences

Huichao Xue and Rebecca Hwa

SP78 Unsupervised Alignment of Privacy Policies using Hidden Markov Models

Rohan Ramanath, Fei Liu, Norman Sadeh, Noah A. Smith

SP79 Enriching Cold Start Personalized Language Model Using Social Network Information

Yu-Yang Huang, Rui Yan, Tsung-Ting Kuo, Shou-De Lin

SP80 Automatic Labelling of Topic Models Learned from Twitter by Summarisation

Amparo Elizabeth Cano Basave, Yulan He, Ruifeng Xu

SP81 Stochastic Contextual Edit Distance and Probabilistic FSTs

Ryan Cotterell, Nanyun Peng, Jason Eisner

SP82 Labelling Topics using Unsupervised Graph-based Methods

Nikolaos Aletras and Mark Stevenson

SP83 Training a Korean SRL System with Rich Morphological Features

Young-Bum Kim, Heemoon Chae, Benjamin Snyder, Yu-Seop Kim

SP84 Semantic Parsing for Single-Relation Question Answering

Wen-tau Yih, Xiaodong He, Christopher Meek

SP85 On WordNet Semantic Classes and Dependency Parsing

Kepa Bengoetxea, Eneko Agirre, Joakim Nivre, Yue Zhang, Koldo Gojenola Gallettebeitia

SP86 Enforcing Structural Diversity in Cube-pruned Dependency Parsing

Hao Zhang and Ryan McDonald

SP87 The Penn Parsed Corpus of Modern British English: First Parsing Results and Analysis

Seth Kulick, Anthony Kroch, Beatrice Santorini

SP88 Parser Evaluation Using Derivation Trees: A Complement to evalb

Seth Kulick, Ann Bies, Justin Mott, Anthony Kroch, Beatrice Santorini, Mark Liberman

Demos

D11 DKPro TC: A Java-based Framework for Supervised Learning Experiments on Textual Data

Johannes Daxenberger, Oliver Ferschke, Iryna Gurevych, Torsten Zesch

D12 WoSIT: A Word Sense Induction Toolkit for Search Result Clustering and Diversification

Daniele Vannella, Tiziano Flati, Roberto Navigli

D13 A Rule-Augmented Statistical Phrase-based Translation System

Cong Duy Vu Hoang, AiTi Aw, Nhung T. H. Nguyen

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| | <p>D14 KyotoEBMT: An Example-Based Dependency-to-Dependency Translation Framework <i>John Richardson, Fabien Cromières, Toshiaki Nakazawa, Sadao Kurohashi</i></p> <p>D15 kLogNLP: Graph Kernel-based Relational Learning of Natural Language <i>Mathias Verbeke, Paolo Frasconi, Kurt De Grave, Fabrizio Costa, Luc De Raedt</i></p> <p>D16 Automatic Annotation Suggestions and Custom Annotation Layers in WebAnno <i>Seid Muhie Yimam, Chris Biemann, Richard Eckart de Castilho, Iryna Gurevych</i></p> <p>D17 Web Information Mining and Decision Support Platform for the Modern Service Industry <i>Binyang Li, Lanjun Zhou, Zhongyu Wei, Kam-fai Wong, Ruifeng Xu, Yunqing Xia</i></p> <p>D18 FAdR: A System for Recognizing False Online Advertisements <i>Yi-jie Tang and Hsin-Hsi Chen</i></p> <p>D19 lex4all: A language-independent tool for building and evaluating pronunciation lexicons for small-vocabulary speech recognition <i>Anjana Vakil, Max Paulus, Alexis Palmer, Michaela Regneri</i></p> <p>D20 Enhanced Search with Wildcards and Morphological Inflections in the Google Books Ngram Viewer <i>Jason Mann, David Zhang, Lu Yang, Dipanjan Das, Slav Petrov</i></p> <p>D21 Simplified Dependency Annotations with GFL-Web <i>Michael T. Mordowanec, Nathan Schneider, Chris Dyer, Noah A. Smith</i></p> |
| 19:30-22:00 | Social at the National Aquarium in Baltimore |

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| June 25th, 2014 | | | | | |
| 7:30-18:00 | Registration | | | | |
| 7:30-9:00 | Breakfast | | | | |
| 9:00-10:15 | Best paper session - Grand Ballroom I/II/III/IV/V/VI/VII/VIII | | | | |
| 10:15-10:45 | Coffee break | | | | |
| | Session 7A - Multimodal NLP/ Lexical Semantics - Grand Ballroom V | Session 7B - Semantics III - Grand Ballroom VI | Session 7C - Machine Translation IV - Harborside A/B | Session 7D - NLP Applications and NLP Enabled Technology II - Harborside C | Session 7E - Sentiment Analysis II - Harborside D/E |
| 10:40 | TACL: Back to Basics for Monolingual Alignment: Exploiting Word Similarity and Contextual Evidence | Semantic Parsing via Paraphrasing | A Sense-Based Translation Model for Statistical Machine Translation | Predicting Instructor's Intervention in MOOC forums | TACL: Senti-LSSVM: Sentiment-Oriented Multi-Relation Extraction with Latent Structural SVM |

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| | <i>Md Arafat Sultan, Steven Bethard, Tamara Sumner</i> | <i>Jonathan Berant and Percy Liang</i> | <i>Deyi Xiong and Min Zhang</i> | <i>Snigdha Chaturvedi, Dan Goldwasser, Hal Daumé III</i> | <i>Lizhen Qu, Yi Zhang, Rui Wang, Lili Jiang, Rainer Gemulla, Gerhard Weikum</i> |
| 11:05 | CoSimRank: A Flexible & Efficient Graph-Theoretic Similarity Measure <i>Sascha Rothe and Hinrich Schütze</i> | A Discriminative Graph-Based Parser for the Abstract Meaning Representation <i>Jeffrey Flanigan, Sam Thomson, Jaime Carbonell, Chris Dyer, Noah A. Smith</i> | Recurrent Neural Networks for Word Alignment Model <i>Akihiro Tamura, Taro Watanabe, Eiichiro Sumita</i> | A Joint Graph Model for Pinyin-to-Chinese Conversion with Typo Correction <i>Zhongye Jia and Hai Zhao</i> | ConnotationWordNet: Learning Connotation over the Word+Sense Network <i>Jun Seok Kang, Song Feng, Leman Akoglu, Yejin Choi</i> |
| 11:30 | Is This a Wampimuk? Cross-Modal Mapping between Distributional Semantics and the Visual <i>Angeliki Lazaridou, Elia Bruni, Marco Baroni</i> | Context-dependent Semantic Parsing for Time Expressions <i>Kenton Lee, Yoav Artzi, Jesse Dodge, Luke Zettlemoyer</i> | A Constrained Viterbi Relaxation for Bidirectional Word Alignment <i>Yin-Wen Chang, Alexander M. Rush, John DeNero, Michael Collins</i> | Smart Selection <i>Patrick Pantel, Michael Gamon, Ariel Fuxman</i> | Learning Sentiment-Specific Word Embedding for Twitter Sentiment Classification <i>Duyu Tang, Furu Wei, Nan Yang, Ming Zhou, Ting Liu, Bing Qin</i> |
| 11:55 | TACL: From Image Descriptions to Visual Denotations: New similarity Metrics for Semantic Inference over Event Descriptions <i>Peter Young, Alice Lai, Micah Hodosh, Julia Hockenmaier</i> | Semantic Frame Identification with Distributed Word Representations <i>Karl Moritz Hermann, Dipanjan Das, Jason Weston, Kuzman Ganchev</i> | A Recursive Recurrent Neural Network for Statistical Machine Translation <i>Shujie Liu, Nan Yang, Mu Li, Ming Zhou</i> | Modeling Prompt Adherence in Student Essays <i>Isaac Persing and Vincent Ng</i> | Towards a General Rule for Identifying Deceptive Opinion Spam <i>Jiwei Li, Myle Ott, Claire Cardie, Eduard Hovy</i> |
| 12:20-13:30 | Lunch break | | | | |
| 13:30-15:00 | ACL Business Meeting - Grand Ballroom I/II/V | | | | |
| | Session 8A - NLP for the Web and Social Media II - Grand Ballroom V | Session 8B - Semantics/Information Extraction - Grand Ballroom VI | Session 8C - Machine Translation V - Harborside A/B | Session 8D - Syntax, Parsing, and Tagging V - Harborside C | Session 8E - Multilinguality and Multimodal NLP - Harborside D/E |
| 15:00 | Learning Polylingual Topic Models from Code-Switched Social Media Documents <i>Nanyun Peng, Yiming Wang, Mark Dredze</i> | Applying Grammar Induction to Text Mining <i>Andrew Salway and Samia Touileb</i> | Empirical Study of Unsupervised Chinese Word Segmentation Methods for SMT on Large-scale Corpora <i>xiaolin wang, Masao Utiyama, Andrew Finch, Eiichiro Sumita</i> | Punctuation Processing for Projective Dependency Parsing <i>Ji Ma, Yue Zhang, Jingbo Zhu</i> | Distributed Representations of Geographically Situated Language <i>David Bamman, Chris Dyer, Noah A. Smith</i> |

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| 15:15 | Normalizing Tweets with Edit Scripts and Recurrent Neural Embeddings <i>Grzegorz Chrupala</i> | Semantic Consistency: A Local Subspace Based Method for Distant Supervised Relation Extraction <i>Xianpei Han and Le Sun</i> | EM Decipherment for Large Vocabularies <i>Malte Nuhn and Hermann Ney</i> | Transforming trees into hedges and parsing with "hedgebank" grammars <i>Mahsa Yarmohammadi, Aaron Dunlop, Brian Roark</i> | Improving Multi-Modal Representations Using Image Dispersion: Why Less is Sometimes More <i>Douwe Kiela, Felix Hill, Anna Korhonen, Stephen Clark</i> |
| 15:30 | Exponential Reservoir Sampling for Streaming Language Models <i>Miles Osborne, Ashwin Lall, Benjamin Van Durme</i> | Concreteness and Subjectivity as Dimensions of Lexical Meaning <i>Felix Hill and Anna Korhonen</i> | XMEANT: Better semantic MT evaluation without reference translations <i>Chi-kiu Lo, Meriem Beloucif, Markus Saers, Dekai Wu</i> | Incremental Predictive Parsing with TurboParser <i>Arne Köhn and Wolfgang Menzel</i> | Bilingual Event Extraction: a Case Study on Trigger Type Determination <i>Zhu Zhu, Shoushan LI, Guodong Zhou, Rui Xia</i> |
| 15:45 | A Piece of My Mind: A Sentiment Analysis Approach for Online Dispute Detection <i>Lu Wang and Claire Cardie</i> | Infusion of Labeled Data into Distant Supervision for Relation Extraction <i>Maria Pershina, Bonan Min, Wei Xu, Ralph Grishman</i> | Sentence Level Dialect Identification for Machine Translation System Selection <i>Wael Salloum, Heba Elfardy, Linda Alamir-Salloum, Nizar Habash, Mona Diab</i> | Tailoring Continuous Word Representations for Dependency Parsing <i>Mohit Bansal, Kevin Gimpel, Karen Livescu</i> | Understanding Relation Temporality of Entities <i>Taesung Lee and Seung-won Hwang</i> |
| 16:00 | A Simple Bayesian Modelling Approach to Event Extraction from Twitter <i>Deyu Zhou, Liangyu Chen, Yulan He</i> | Recognizing Implied Predicate-Argument Relationships in Textual Inference <i>Asher Stern and Ido Dagan</i> | RNN-based Derivation Structure Prediction for SMT <i>Feifei Zhai, Jiajun Zhang, Yu Zhou, Chengqing Zong</i> | Observational Initialization of Type-Supervised Taggers <i>Hui Zhang and John DeNero</i> | Does the Phonology of L1 Show Up in L2 Texts? <i>Garrett Nicolai and Grzegorz Kondrak</i> |
| 16:15 | Be Appropriate and Funny: Automatic Entity Morph Encoding <i>Boliang Zhang, Hongzhao Huang, Xiaoman Pan, Heng Ji, Kevin Knight, Zhen Wen, Yizhou Sun, Jiawei Han, Bulent Yener</i> | Measuring metaphoricity <i>Jonathan Dunn</i> | Hierarchical MT Training using Max-Violation Perceptron <i>Kai Zhao, Liang Huang, Haitao Mi, Abe Ittycheriah</i> | How much do word embeddings encode about syntax? <i>Jacob Andreas and Dan Klein</i> | Cross-lingual Opinion Analysis via Negative Transfer Detection <i>Lin Gui, Ruifeng Xu, Qin Lu, Jun Xu, Jian Xu, Bin Liu, Xiaolong Wang</i> |
| 16:30-17:00 | Coffee break | | | | |
| 17:00-18:30 | Lifetime Achievement Award - Grand Ballroom I/II/III/IV/V/VI/VII/VIII | | | | |
| 18:30-19:00 | Closing Session - Grand Ballroom I/II/III/IV/V/VI/VII/VIII | | | | |

