

**10:30–12:10 Session 4D: Long Paper Posters**

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- 10:30–12:10 Poster Cluster 1: Semantics (P1-8)
- D-1 Feature-Rich Two-Stage Logistic Regression for Monolingual Alignment  
*Md Arafat Sultan, Steven Bethard, Tamara Sumner*
  - D-2 Semantic Role Labeling with Neural Network Factors  
*Nicholas FitzGerald, Oscar Täckström, Kuzman Ganchev, Dipanjan Das*
  - D-3 RELLY: Inferring Hypernym Relationships Between Relational Phrases  
*Adam Grycner, Gerhard Weikum, Jay Pujara, James Foulds, Lise Getoor*
  - D-4 Mise en Place: Unsupervised Interpretation of Instructional Recipes  
*Chloé Kiddon, Ganesa Thandavam Ponnuraj, Luke Zettlemoyer, Yejin Choi*
  - D-5 Semantic Framework for Comparison Structures in Natural Language  
*Omid Bakhshandeh, James Allen*
  - D-6 Sarcastic or Not: Word Embeddings to Predict the Literal or Sarcastic Meaning of Words  
*Debanjan Ghosh, Weiwei Guo, Smaranda Muresan*
  - D-7 Incorporating Trustiness and Collective Synonym/Contrastive Evidence into Taxonomy Construction  
*Tuan Luu Anh, Jung-jae Kim, See Kiong Ng*
  - D-8 Learning to Automatically Solve Logic Grid Puzzles  
*Arindam Mitra, Chitta Baral*

**10:30–12:10 Session 4E: Short Paper Posters**

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- 10:30–12:10 Poster Cluster 1: Machine Translation and Multilinguality (P1-13)
- E-1 Improving fast\_align by Reordering  
*Chenchen Ding, Masao Utiyama, Eiichiro Sumita*
  - E-2 Touch-Based Pre-Post-Editing of Machine Translation Output  
*Benjamin Marie, Aurélien Max*
  - E-3 A Discriminative Training Procedure for Continuous Translation Models  
*Quoc-Khanh DO, Alexandre Allauzen, François Yvon*
  - E-4 System Combination for Machine Translation through Paraphrasing  
*Wei-Yun Ma, Kathleen McKeown*
  - E-5 Hierarchical Incremental Adaptation for Statistical Machine Translation  
*Joern Wuebker, Spence Green, John DeNero*
  - E-6 ReVal: A Simple and Effective Machine Translation Evaluation Metric Based on Recurrent Neural Networks  
*Rohit Gupta, Constantin Orasan, Josef van Genabith*
  - E-7 Investigating Continuous Space Language Models for Machine Translation Quality Estimation  
*Kashif Shah, Raymond W. M. Ng, Fethi Bougares, Lucia Specia*
  - E-8 Supervised Phrase Table Triangulation with Neural Word Embeddings for Low-Resource Languages  
*Tomer Levinboim, David Chiang*
  - E-9 Translation Invariant Word Embeddings  
*Kejun Huang, Matt Gardner, Evangelos Papalexakis, Christos Faloutsos, Nikos Sidiropoulos, Tom Mitchell, Partha P. Talukdar, Xiao Fu*
  - E-10 Hierarchical Phrase-based Stream Decoding  
*Andrew Finch, Xiaolin Wang, Masao Utiyama, Eiichiro Sumita*
  - E-11 Rule Selection with Soft Syntactic Features for String-to-Tree Statistical Machine Translation  
*Fabienne Braune, Nina Seemann, Alexander Fraser*
  - E-12 Motivating Personality-aware Machine Translation  
*Shachar Mirkin, Scott Nowson, Caroline Brun, Julien Perez*
  - E-13 Trans-gram, Fast Cross-lingual Word-embeddings  
*Jocelyn Coulmance, Jean-Marc Marty, Guillaume Wenzek, Amine Benhalloum*
- 10:30–12:10 Poster Cluster 2: Computational Psycholinguistics (P14-16)
- E-14 The Overall Markedness of Discourse Relations  
*Lifeng Jin, Marie-Catherine de Marneffe*
  - E-15 Experiments in Open Domain Deception Detection  
*Verónica Pérez-Rosas, Rada Mihalcea*
  - E-16 A model of rapid phonotactic generalization  
*Tal Linzen, Timothy O'Donnell*

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**13:30–15:10 Session 5D: Long Paper Posters**

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13:30–15:10 Poster Cluster 1: Machine Translation and Multilinguality (P1-8)

- D-1 Hierarchical Back-off Modeling of Hiero Grammar based on Non-parametric Bayesian Model  
*Hidetaka Kamigaito, Taro Watanabe, Hiroya Takamura, Manabu Okumura, Eiichiro Sumita*
- D-2 Consistency-Aware Search for Word Alignment  
*Shiqi Shen, Yang Liu, Maosong Sun, Huanbo Luan*
- D-3 Graph-Based Collective Lexical Selection for Statistical Machine Translation  
*Jinsong Su, Deyi Xiong, Shujian Huang, Xianpei Han, Junfeng Yao*
- D-4 Bilingual Correspondence Recursive Autoencoder for Statistical Machine Translation  
*Jinsong Su, Deyi Xiong, Biao Zhang, Yang Liu, Junfeng Yao, Min Zhang*
- D-5 How to Avoid Unwanted Pregnancies: Domain Adaptation using Neural Network Models  
*Shafiq Joty, Hassan Sajjad, Nadir Durrani, Kamla Al-Mannai, Ahmed Abdelali, Stephan Vogel*
- D-6 Detecting Content-Heavy Sentences: A Cross-Language Case Study  
*Junyi Jessy Li, Ani Nenkova*
- D-7 Search-Aware Tuning for Hierarchical Phrase-based Decoding  
*Feifei Zhai, Liang Huang, Kai Zhao*
- D-8 Part-of-speech Taggers for Low-resource Languages using CCA Features  
*Young-Bum Kim, Benjamin Snyder, Ruhi Sarikaya*

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**13:30–15:10 Session 5E: Short Paper Posters**

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13:30–15:10 Poster Cluster 1: Tagging, Syntax and Parsing (P1-12)

- E-1 An Improved Tag Dictionary for Faster Part-of-Speech Tagging  
*Robert Moore*
- E-2 Improving Arabic Diacritization through Syntactic Analysis  
*Anas Shahrour, Salam Khalifa, Nizar Habash*
- E-3 Combining Discrete and Continuous Features for Deterministic Transition-based Dependency Parsing  
*Meishan Zhang, Yue Zhang*
- E-4 Efficient Inner-to-outer Greedy Algorithm for Higher-order Labeled Dependency Parsing  
*Xuezhe Ma, Eduard Hovy*
- E-5 Online Updating of Word Representations for Part-of-Speech Tagging  
*Wenpeng Yin, Tobias Schnabel, Hinrich Schütze*
- E-6 Empty Category Detection using Path Features and Distributed Case Frames  
*Shunsuke Takeno, Masaaki Nagata, Kazuhide Yamamoto*
- E-7 Forebank: Syntactic Analysis of Customer Support Forums  
*Rasoul Kaljahi, Jennifer Foster, Johann Roturier, Corentin Ribeyre, Teresa Lynn, Joseph Le Roux*
- E-8 Semi-supervised Dependency Parsing using Bilexical Contextual Features from Auto-Parsed Data  
*Eliyahu Kiperwasser, Yoav Goldberg*
- E-9 Improved Transition-Based Parsing and Tagging with Neural Networks  
*Chris Alberti, David Weiss, Greg Coppola, Slav Petrov*
- E-10 Syntactic Parse Fusion  
*Do Kook Choe, David McClosky, Eugene Charniak*
- E-11 Not All Contexts Are Created Equal: Better Word Representations with Variable Attention  
*Wang Ling, Yulia Tsvetkov, Silvio Amir, Ramon Fernandez, Chris Dyer, Alan W Black, Isabel Trancoso, Chu-Cheng Lin*
- E-12 An Improved Non-monotonic Transition System for Dependency Parsing  
*Matthew Honnibal, Mark Johnson*

**15:40–17:20 Session 6D: Long Paper Posters**

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- 15:40–17:20 Poster Cluster 1: Statistical Models and Machine Learning Methods (P1-10)
- D-1 A Utility Model of Authors in the Scientific Community  
*Yanchuan Sim, Bryan Routledge, Noah A. Smith*
  - D-2 Finding Function in Form: Compositional Character Models for Open Vocabulary Word Representation  
*Wang Ling, Chris Dyer, Alan W Black, Isabel Trancoso, Ramon Fernandez, Silvio Amir, Luis Marujo, Tiago Luis*
  - D-3 Syntax-Aware Multi-Sense Word Embeddings for Deep Compositional Models of Meaning  
*Jianpeng Cheng, Dimitri Kartsaklis*
  - D-4 Conversation Trees: A Grammar Model for Topic Structure in Forums  
*Annie Louis, Shay B. Cohen*
  - D-5 Fast, Flexible Models for Discovering Topic Correlation across Weakly-Related Collections  
*Jingwei Zhang, Aaron Gerow, Jaan Altsaar, James Evans, Richard Jean So*
  - D-6 Molding CNNs for text: non-linear, non-consecutive convolutions  
*Tao Lei, Regina Barzilay, Tommi Jaakkola*
  - D-7 Multi-Perspective Sentence Similarity Modeling with Convolutional Neural Networks  
*Hua He, Kevin Gimpel, Jimmy Lin*
  - D-8 Posterior calibration and exploratory analysis for natural language processing models  
*Khanh Nguyen, Brendan O'Connor*
  - D-9 A Generative Word Embedding Model and its Low Rank Positive Semidefinite Solution  
*Shaohua Li, Jun Zhu, Chunyan Miao*
  - D-10 Reading Documents for Bayesian Online Change Point Detection  
*Tae-hoon Kim, Jaesik Choi*

**15:40–17:20 Session 6E: Short Paper Posters**

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- 15:40–17:20 Poster Cluster 1: Semantics (P1-13)
- E-1 Recognizing Textual Entailment Using Probabilistic Inference  
*Lei Sha, Sujian Li, Baobao Chang, Zhifang Sui, Tingsong Jiang*
  - E-2 Chinese Semantic Role Labeling with Bidirectional Recurrent Neural Networks  
*Zhen Wang, Tingsong Jiang, Baobao Chang, Zhifang Sui*
  - E-3 Unsupervised Negation Focus Identification with Word-Topic Graph Model  
*Bowei Zou, Guodong Zhou, Qiaoming Zhu*
  - E-4 Reverse-engineering Language: A Study on the Semantic Compositionality of German Compounds  
*Corina Dima*
  - E-5 Event Detection and Factuality Assessment with Non-Expert Supervision  
*Kenton Lee, Yoav Artzi, Yejin Choi, Luke Zettlemoyer*
  - E-6 Large-Scale Acquisition of Entailment Pattern Pairs by Exploiting Transitivity  
*Julien Kloeetzer, Kentaro Torisawa, Chikara Hashimoto, Jong-Hoon Oh*
  - E-7 Context-Dependent Knowledge Graph Embedding  
*Yuanfei Luo, Quan Wang, Bin Wang, Li Guo*
  - E-8 Learning to Identify the Best Contexts for Knowledge-based WSD  
*Evgenia Wasserman Pritsker, William Cohen, Einat Minkov*
  - E-9 Measuring Prerequisite Relations Among Concepts  
*Chen Liang, Zhaohui Wu, Wenyi Huang, C. Lee Giles*
  - E-10 Adapting Phrase-based Machine Translation to Normalise Medical Terms in Social Media Messages  
*Nut Limsopatham, Nigel Collier*
  - E-11 Script Induction as Language Modeling  
*Rachel Rudinger, Pushpendre Rastogi, Francis Ferraro, Benjamin Van Durme*
  - E-12 Online Learning of Interpretable Word Embeddings  
*Hongyin Luo, Zhiyuan Liu, Huanbo Luan, Maosong Sun*
  - E-13 A Strong Lexical Matching Method for the Machine Comprehension Test  
*Ellery Smith, Nicola Greco, Matko Bosnjak, Andreas Vlachos*