Accepted Long Papers

Biomedical（生物医学的）

1. *Enriching Complex Networks with Word Embeddings for Detecting Mild Cognitive Impairment（轻度认知功能障碍） from Speech Transcripts（演讲稿）*  
   Authors: Leandro Santos, Edilson Anselmo Corrêa Júnior, Osvaldo Oliveira Jr, Diego Amancio, Letícia Mansur and Sandra Aluísio

Cognitive Modelling（认识模型） and Psycholinguistics（心理语言学）

1. *Alignment at Work: Using Language to Distinguish the Internalization（内在化） and Self-Regulation Components（自我调节组件） of Cultural Fit in Organizations*  
   Authors: Gabriel Doyle, Amir Goldberg, Sameer Srivastava and Michael Frank
2. *Representations of language in a model of visually grounded speech signal*  
   Authors: Grzegorz Chrupała, Lieke Gelderloos and Afra Alishahi
3. *Spectral Analysis（光谱分析） of Information Density（密度） in Dialogue Predicts（对话预测） Collaborative（合作的） Task Performance*  
   Authors: Yang Xu and David Reitter

Dialog Interactive Systems（对话交互系统）

1. *Adversarial（对抗） Adaptation（适应） of Synthetic（合成的） or Stale Data（过期数据）*  
   Authors: Young-Bum Kim, Karl Stratos and Dongchan Kim
2. *Affect-LM: A Neural Language Model for Customizable Affective（情感的） Text Generation（可定制的情感文本生成）*  
   Authors: Sayan Ghosh, Mathieu Chollet, Eugene Laksana, Stefan Scherer and Louis-Philippe Morency
3. *Chat Detection（聊天识别） in Intelligent Assistant: Combining Task-oriented（任务导向的） and Non-task-oriented Spoken Dialogue Systems*  
   Authors: Satoshi Akasaki and Nobuhiro Kaji
4. *Domain Attention with an Ensemble（全体，总效果） of Experts（专家）*  
   Authors: Young-Bum Kim, Karl Stratos and Dongchan Kim
5. *Generating Contrastive（对比的） Referring Expressions（指称结构，指称词语）*  
   Authors: Martin Villalba, Christoph Teichmann and Alexander Koller
6. *Hybrid（混合） Code Networks: practical and efficient end-to-end dialog（对话） control with supervised and reinforcement learning（增强学习）*  
   Authors: Jason D Williams, Kavosh Asadi and Geoffrey Zweig
7. *Joint Modeling of Content and Discourse Relations（内容和论述关系） in Dialogues*  
   Authors: Kechen Qin, Lu Wang, Joseph Kim and Julie Shah
8. *Learning Discourse-level（语篇水平） Diversity（多样性，差异） for Neural Dialog Models using Conditional Variational Autoencoders（有条件的变分的autoencoders）*  
   Authors: Tiancheng Zhao, Ran Zhao and Maxine Eskenazi
9. *Learning Symmetric（对称的） Collaborative（协作的） Dialogue Agents with Dynamic（动态的） Knowledge Graph Embeddings*  
   Authors: He He, Anusha Balakrishnan, Mihail Eric and Percy Liang
10. *Neural Belief Tracker（神经信念追踪？）: Data-Driven Dialogue State Tracking*  
    Authors: Nikola Mrkšić, Diarmuid Ó Séaghdha, Tsung-Hsien Wen, Blaise Thomson and Steve Young
11. *Sequential Matching Network: A New Architecture（架构） for Multi-turn（多轮） Response（回答） Selection in Retrieval-based Chatbots（基于检索的聊天机器人）*  
    Authors: Yu Wu, Wei Wu, Chen Xing, Ming Zhou and Zhoujun Li
12. *Towards an Automatic Turing Test（自动图灵测试）: Learning to Evaluate Dialogue Responses*  
    Authors: Ryan Lowe, Michael Noseworthy, Iulian Vlad Serban, Nicolas Angelard-Gontier, Yoshua Bengio and Joelle Pineau
13. *Towards End-to-End Reinforcement Learning of Dialogue Agents for Information Access*  
    Authors: Bhuwan Dhingra, Lihong Li, Xiujun Li, Jianfeng Gao, Yun-Nung Chen, Faisal Ahmed and Li Deng

Discourse Pragmatics（语篇语用学，不太懂啥意思）

1. *A Neural Local Coherence（一致，连贯性） Model*Authors: Shafiq Joty and Dat Tien Nguyen
2. *Adversarial（对抗） Connective-exploiting（关联开发） Networks for Implicit Discourse Relation Classification*  
   Authors: Lianhui Qin, Zhisong Zhang, Hai Zhao, Eric Xing and Zhiting Hu
3. *Argument Mining（论点挖掘） with Structured SVMs and RNNs*  
   Authors: Vlad Niculae, Claire Cardie and Joonsuk Park
4. *Discourse（论述） Mode Identification in Essays（散文）*  
   Authors: Wei Song
5. *Don’t understand a measure? Learn it: Structured Prediction for Coreference Resolution（共指消解） optimizing its measures*  
   Authors: Iryna Haponchyk and Alessandro Moschitti
6. *Generating and Exploiting（生成和挖掘） Large-scale Pseudo（假的） Training Data for Zero Pronoun Resolution（代词消解）*  
   Authors: Ting Liu, Yiming Cui, Qingyu Yin, Wei-Nan Zhang, Shijin Wang and Guoping Hu
7. *Joint Learning for Coreference Resolution（共指消解）  
   Authors: Jing Lu and Vincent Ng*
8. *Neural Discourse（论述？这个词出现很多次了） Structure for Text Categorization（文档分类）*  
   Authors: Yangfeng Ji and Noah A. Smith

Generation Summarization（生成摘要）（还有自动做诗这种神奇的操作）

1. *Abstractive Document Summarization（抽象文档摘要） with a Graph-Based Attentional Neural Model*  
   Authors: Jiwei Tan and Xiaojun Wan
2. *Automatically Generating Rhythmic Verse（韵律诗） with Neural Networks*  
   Authors: Jack Hopkins and Douwe Kiela
3. *Can Syntax（语法） Help? Improving an LSTM-based Sentence Compression（压缩） Model for New Domains*  
   Authors: Liangguo Wang, Jing Jiang, Hai Leong Chieu, Hui Ong Ong, Dandan Song and Lejian Liao
4. *Creating Training Corpora（主体，全集） for NLG Micro-Planners*  
   Authors:  Claire Gardent, Anastasia Shimorina, Shashi Narayan and Laura Perez-Beltrachini
5. *Data-Driven Broad-Coverage（广阔的覆盖范围？） Grammars for Opinionated（固执己见的？） Natural Language Generation (ONLG)*  
   Authors: Tomer Cagan, Stefan L. Frank and Reut Tsarfaty
6. *Diversity（多样性，差异） driven attention model for query-based abstractive summarization*  
   Authors: Preksha Nema, Mitesh M. Khapra, Balaraman Ravindran and Anirban Laha
7. *Flexible（灵活的） and Creative Chinese Poetry（诗） Generation Using Neural Memory*  
   Authors: Jiyuan Zhang, Yang Feng, Dong Wang, Yang Wang, Andrew Abel, Shiyue Zhang and Andi Zhang
8. *Get To The Point: Summarization with Pointer-Generator Networks*  
   Authors: Abigail See, Peter J. Liu and Christopher D. Manning
9. *Joint Optimization of User-desired Content in Multi-document Summaries by Learning from User Feedback*  
   Authors: Avinesh PVS and Christian M. Meyer
10. *Learning to Ask: Neural Question Generation for Reading Comprehension（阅读理解的问题生成）*  
    Authors: Xinya Du, Junru Shao and Claire Cardie
11. *Learning to Generate Market Comments（评论） from Stock Prices*  
    Authors: Soichiro Murakami, Akihiko Watanabe, Akira Miyazawa, Keiichi Goshima, Toshihiko Yanase, Hiroya Takamura and Yusuke Miyao
12. *Neural AMR: Sequence-to-Sequence Models for Parsing（剖析） and Generation*  
    Authors: Ioannis Konstas, Srinivasan Iyer, Mark Yatskar, Yejin Choi and Luke Zettlemoyer
13. *PositionRank: An Unsupervised Approach to Keyphrase Extraction from Scholarly Documents*  
    Authors: Corina Florescu and Cornelia Caragea
14. *Program Induction（程序归纳） for Rationale（基本原理） Generation: Learning to Solve and Explain Algebraic（代数） Word Problems*  
    Authors: Wang Ling, Dani Yogatama, Chris Dyer and Phil Blunsom
15. *Selective Encoding for Abstractive Sentence Summarization*  
    Authors: Qingyu Zhou, Nan Yang, Furu Wei and Ming Zhou
16. *Supervised Learning of Automatic Pyramid（金字塔） for Optimization-Based Multi-Document Summarization*  
    Authors: Maxime Peyrard and Judith Eckle-Kohler

IE QA Text Mining Applications

1. *A （成分）Constituent-Centric Neural Architecture for Reading Comprehension*  
   Authors: Pengtao Xie and Eric Xing
2. *A FOFE-based Local Detection Approach for Named Entity Recognition（命名实体识别） and Mention Detection（提及检测）*  
   Authors: Mingbin Xu, Hui Jiang and Sedtawut Watcharawittayakul
3. *Adversarial（对抗的） Multi-task Learning for Text Classification*  
   Authors: Pengfei Liu, Xipeng Qiu and Xuanjing Huang
4. *An End-to-End Model for Question Answering over Knowledge Base with Cross-Attention Combining Global Knowledge*  
   Authors: Yanchao Hao, Yuanzhe Zhang, Shizhu He, Kang Liu and Jun Zhao
5. *Attention-over-Attention Neural Networks for Reading Comprehension*  
   Authors: Yiming Cui, Zhipeng Chen, si wei, Shijin Wang, Ting Liu and Guoping Hu
6. *Automatically Labeled Data Generation for Large Scale Event Extraction*  
   Authors: Yubo Chen, Kang Liu and Jun Zhao
7. *Coarse-to-Fine（由粗到精） Question Answering for Long Documents*  
   Authors: Eunsol Choi, Daniel Hewlett, Illia Polosukhin, Alexandre Lacoste, Jakob Uszkoreit and Jonathan Berant
8. *Comparing Apples to Apples: Learning Semantics of Common Entities Through a Novel Comprehension（理解） Task*  
   Authors: Omid Bakhshandeh and James Allen
9. *Cross-lingual Distillation（摘要，浓缩） for Text Classification*  
   Authors: Ruochen Xu and Yiming Yang
10. *Deep Keyphrase Generation*  
    Authors: Rui Meng, Daqing He, Sanqiang Zhao and Shuguang Han
11. *Deep Pyramid（金字塔） Convolutional Neural Networks for Text Categorization（分类）*  
    Authors: Rie Johnson and Tong Zhang
12. *Determining Gains Acquired（确定受益获得？） from Word Embedding Quantitatively（数量上，分量上） using Discrete（离散） Distribution Clustering*  
    Authors: Jianbo Ye, Yanran Li, Zhaohui Wu, James Z. Wang and Jia Li
13. *Exploiting Argument Information to Improve Event Detection（事件检测） via Supervised Attention Mechanisms*  
    Authors: Shulin Liu, Kang Liu and Jun Zhao
14. *Gated Self-Matching Networks for Reading Comprehension and Question Answering*  
    Authors: Wenhui Wang, Nan Yang, Furu Wei, Baobao Chang and Ming Zhou
15. *Gated-Attention Readers for Text Comprehension*  
    Authors: Bhuwan Dhingra, Hanxiao Liu, Zhilin Yang, William Cohen and Ruslan Salakhutdinov
16. *Generating Natural Answer by Incorporating（合并的） Copying and Retrieving Mechanisms in Sequence-to-Sequence Learning*  
    Authors: Shizhu He, Kang Liu and Jun Zhao
17. *Going out on a limb（分支） : Joint Extraction of Entity Mentions and Relations without Dependency Trees（依存关系树）*  
    Authors: Arzoo Katiyar and Claire Cardie
18. *Improved Neural Relation Detection for Knowledge Base Question Answering*  
    Authors: Mo Yu, Wenpeng Yin, Kazi Saidul Hasan, Cicero dos Santos, Bing Xiang and Bowen Zhou
19. *Joint Extraction（抽取） of Entities and Relations Based on a Novel Tagging Scheme（新颖的标记模式？）*  
    Authors: Suncong Zheng, Feng Wang and Hongyun Bao
20. *Joint Extraction of Relations with Class Ties via Effective Deep Ranking*  
    Authors: Hai Ye, Wenhan Chao and Zhunchen Luo
21. *Learning with Noise: Enhance（加强） Distantly（远离地，疏远地） Supervised Relation Extraction with Dynamic Transition Matrix（动态转换矩阵）*  
    Authors: Bingfeng Luo, Yansong Feng, Zheng Wang, Zhanxing Zhu, Songfang Huang, Rui Yan and Dongyan Zhao
22. *Leveraging Knowledge Bases in LSTMs for Improving Machine Reading*  
    Authors: Bishan Yang and Tom Mitchell
23. *Neural End-to-End Learning for Computational Argumentation Mining（计算论证挖掘？）*  
    Authors: Steffen Eger, Johannes Daxenberger and Iryna Gurevych
24. *Neural Relation Extraction with Multi-lingual Attention*  
    Authors: Yankai Lin, Zhiyuan Liu and Maosong Sun
25. *Neural Symbolic Machines: Learning Semantic Parsers（分析程序） on Freebase with Weak Supervision*  
    Authors: Chen Liang, Jonathan Berant, Quoc Le, Kenneth D. Forbus and Ni Lao
26. *Prerequisite（先决条件） Relation Learning for Concepts（概念） in MOOCs*  
    Authors: Liangming Pan, Chengjiang Li, Juanzi Li and Jie Tang
27. *Reading Wikipedia to Answer Open-Domain Questions*  
    Authors: Danqi Chen, Adam Fisch, Jason Weston and Antoine Bordes
28. *Search-based Neural Structured Learning for Sequential Question Answering*  
    Authors: Mohit Iyyer, Wen-tau Yih and Ming-Wei Chang
29. *Tandem（串联） Anchoring: a Multiword Anchor Approach for Interactive（交互式） Topic Modeling*  
    Authors: Jeffrey Lund, Connor Cook, Kevin Seppi and Jordan Boyd-Graber
30. *Time Expression Analysis and Recognition Using Syntactic（句法的，语法的） Token Types（标记类型） and General Heuristic Rules*  
    Authors:  Xiaoshi Zhong, Aixin Sun and Erik Cambria
31. *Topical Coherence（一致，连贯性） in LDA-based Models through Induced（感应的，诱发型） Segmentation（分割，割断）*  
    Authors: Hesam Amoualian, Wei Lu, Eric Gaussier, Massih R Amini, Georgios Balikas and Marianne Clausel
32. *Towards a Seamless（无缝的） Integration（集成） of Word Senses into Downstream（下游的） NLP Applications*  
    Authors: Mohammad Taher Pilehvar, Jose Camacho-Collados, Roberto Navigli and Nigel Collier
33. *Transductive（直推式的） Non-linear Learning for Chinese Hypernym（上位词） Prediction*  
    Authors: Chengyu Wang, Xiaofeng He and Aoying Zhou
34. *Understanding and Predicting Empathic Behavior（移情行为） in Counseling Therapy（心理咨询治疗）*  
    Authors: Verónica Pérez-Rosas, Rada Mihalcea, Kenneth Resnicow, Satinder Singh and Lawrence An
35. *Unsupervised Text Segmentation（分割） Based on Native Language Characteristics（特征）*  
    Authors: Shervin Malmasi, Mark Dras, Mark Johnson, Lan Du and Magdalena Wolska
36. *Vancouver Welcomes You! Minimalist（极简抽象主义） Location Metonymy（转喻） Resolution*  
    Authors: Milan Gritta, Mohammad Taher Pilehvar, Nut Limsopatham and Nigel Collier
37. *Weakly Supervised Cross-Lingual Named Entity Recognition via Effective Annotation（注释） and Representation（表示） Projection*  
    Authors: Jian Ni, Georgiana Dinu and Radu Florian

Machine Learning

1. *An Algebra（代数） for Feature Extraction*  
   Authors: Vivek Srikumar
2. *Bayesian Modeling of Lexical（词汇的） Resources for Low-Resource Settings*  
   Authors: Nicholas Andrews, Jason Eisner, Mark Dredze and Benjamin Van Durme
3. *Context Sensitive Lemmatization（上下文敏感的词形还原） Using Two Successive（连续的） Bidirectional Gated Recurrent Networks*  
   Authors: Abhisek Chakrabarty, Onkar Arun Pandit and Utpal Garain
4. *Deep Learning in Semantic Kernel Spaces*  
   Authors: Danilo Croce, Simone Filice, Giuseppe Castellucci and Roberto Basili
5. *From Language to Programs: Bridging Reinforcement Learning and Maximum Marginal（边缘的，临界的） Likelihood*  
   Authors: Kelvin Guu, Panupong Pasupat, Evan Liu and Percy Liang
6. *Learning attention for historical text normalization（正规化） by learning to pronounce（发音？宣判？）*  
   Authors: Marcel Bollmann, Joachim Bingel and Anders Søgaard
7. *Learning to Create and Reuse Words in Open-Vocabulary Neural Language Modeling*  
   Authors: Kazuya Kawakami, Chris Dyer and Phil Blunsom
8. *Learning to Skim（略读） Text*  
   Authors: Adams Wei Yu, Quoc Le and Hongrae Lee
9. *Multi-space Variational（变化的） Encoder-Decoders for Semi-supervised Labeled Sequence Transduction（序列转换）*  
   Authors: Chunting Zhou and Graham Neubig
10. *Probabilistic Typology（类型学）: Deep Generative Models of Vowel（元音） Inventories（存货）*  
    Authors: Ryan Cotterell and Jason Eisner
11. *Scalable（可称量的） Bayesian Learning of Recurrent Neural Networks for Language Modeling*  
    Authors: Zhe Gan, Chunyuan Li, Changyou Chen, Yunchen Pu, Qinliang Su and Lawrence Carin
12. *Semi-Supervised QA with Generative Domain-Adaptive Nets*  
    Authors: Zhilin Yang, Junjie Hu, Ruslan Salakhutdinov and William Cohen
13. *Topically Driven Neural Language Model*  
    Authors: Jey Han Lau, Timothy Baldwin and Trevor Cohn

Machine Translation

1. *A Convolutional Encoder Model for Neural Machine Translation*  
   Authors: Jonas Gehring, Michael Auli, David Grangier and Yann Dauphin
2. *A Teacher-Student Framework for Zero-Resource Neural Machine Translation*  
   Authors: Yun Chen, Yang Liu, Yong Cheng and Victor O.K. Li
3. *Bandit Structured Prediction for Neural Sequence-to-Sequence Learning*  
   Authors: Julia Kreutzer, Artem Sokolov and Stefan Riezler
4. *Chunk-based Decoder for Neural Machine Translation*  
   Authors: Shonosuke Ishiwatari, Jingtao Yao, Shujie Liu, Mu Li, Ming Zhou, Naoki Yoshinaga, Masaru Kitsuregawa and Weijia Jia
5. *Deep Neural Machine Translation with Linear Associative Unit*  
   Authors: Mingxuan Wang, Zhengdong Lu, Jie Zhou and Qun Liu
6. *Doubly-Attentive Decoder for Multi-modal Neural Machine Translation*  
   Authors: Iacer Calixto, Qun Liu and Nick Campbell
7. *Improved Neural Machine Translation with a Syntax-Aware Encoder and Decoder*  
   Authors: Huadong Chen, Shujian Huang, David Chiang and Jiajun Chen
8. *Incorporating Word Reordering Knowledge into Attention-based Neural Machine Translation*  
   Authors: Jinchao Zhang, Mingxuan Wang, Qun Liu and Jie Zhou
9. *Lexically Constrained Decoding for Sequence Generation Using Grid Beam Search*  
   Authors: Chris Hokamp and Qun Liu
10. *Modeling Source Syntax for Neural Machine Translation*  
    Authors: Junhui Li, Deyi Xiong, Zhaopeng Tu, Muhua Zhu and Guodong Zhou
11. *Neural Machine Translation via Binary Code Prediction*  
    Authors: Yusuke Oda, Philip Arthur, Graham Neubig, Koichiro Yoshino and Satoshi Nakamura
12. *Prior Knowledge Integration for Neural Machine Translation using Posterior Regularization*  
    Authors: Jiacheng Zhang, Yang Liu, Huanbo Luan, Jingfang Xu and Maosong Sun
13. *Sequence-to-Dependency Neural Machine Translation*  
    Authors: Shuangzhi Wu, Dongdong Zhang, Nan Yang, Mu Li and Ming Zhou
14. *Visualizing and Understanding Neural Machine Translation*  
    Authors: Yanzhuo Ding, Yang Liu, Huanbo Luan and Maosong Sun
15. *What do Neural Machine Translation Models Learn about Morphology?*  
    Authors: Yonatan Belinkov, Nadir Durrani, Fahim Dalvi, Hassan Sajjad and James Glass

Multidisciplinary

1. *A Nested Attention Neural Hybrid Model for Grammatical Error Correction*  
   Authors: Jianshu Ji, Qinlong Wang, Kristina Toutanova, Yongen Gong, Steven Truong and Jianfeng Gao
2. *Combating Human Trafficking with Multimodal Deep Models*  
   Authors: Edmund Tong, Amir Zadeh and Louis-Philippe Morency
3. *Friendships, Rivalries, and Trysts: Characterizing Relations between Ideas in Texts*  
   Authors: Chenhao Tan, Dallas Card and Noah A. Smith
4. *TextFlow: A Text Similarity Measure based on Continuous Sequences*  
   Authors: Yassine Mrabet, Halil Kilicoglu and Dina Demner-Fushman

Multilingual

1. *Adversarial Training for Unsupervised Bilingual Lexicon Induction*  
   Authors: Meng Zhang, Yang Liu, Huanbo Luan and Maosong Sun
2. *Cross-lingual Name Tagging and Linking for 282 Languages*  
   Authors: Xiaoman Pan, Boliang Zhang, Jonathan May, Joel Nothman, Kevin Knight and Heng Ji
3. *Estimating Code-Switching on Twitter with a Novel Generalized Word-Level Language Detection Technique*  
   Authors: Shruti Rijhwani, Royal Sequiera, Monojit Choudhury, Kalika Bali and Chandra Shekhar Maddila
4. *Found in Translation: Reconstructing Phylogenetic Language Trees from Translations*  
   Authors: Ella Rabinovich, Noam Ordan and Shuly Wintner
5. *Predicting Native Language from Gaze*  
   Authors: Yevgeni Berzak, Chie Nakamura, Suzanne Flynn and Boris Katz
6. *Using Global Constraints and Reranking to Improve Cognates Detection*  
   Authors: Michael Bloodgood and Benjamin Strauss

Phonology Morphology Word Segmentation

1. *Adversarial Multi-Criteria Learning for Chinese Word Segmentation*  
   Authors: Xinchi Chen, Zhan Shi, Xipeng Qiu and Xuanjing Huang
2. *From Characters to Words to in Between: Do We Capture Morphology?*  
   Authors: Clara Vania and Adam Lopez
3. *Morphological Inflection Generation with Hard Monotonic Attention*  
   Authors: Roee Aharoni and Yoav Goldberg
4. *MORSE: Semantic-ally Drive-n MORpheme SEgment-er*  
   Authors: Tarek Sakakini, Suma Bhat and Pramod Viswanath
5. *One-Shot Neural Cross-Lingual Transfer for Paradigm Completion*  
   Authors: Katharina Kann, Ryan Cotterell and Hinrich Schütze

Resources Evaluation

1. *A Corpus of Annotated Revisions for Studying Argumentative Writing*  
   Authors: Fan Zhang, Homa B. Hashemi, Rebecca Hwa and Diane Litman
2. *Automatic Annotation and Evaluation of Error Types for Grammatical Error Correction*  
   Authors: Christopher Bryant, Mariano Felice and Ted Briscoe
3. *Detecting annotation noise in automatically labelled data*  
   Authors: Ines Rehbein and Josef Ruppenhofer
4. *Evaluation Metrics for Reading Comprehension: Prerequisite Skills and Readability*  
   Authors: Saku Sugawara, Yusuke Kido, Hikaru Yokono and Akiko Aizawa
5. *MalwareTextDB: A Database for Annotated Malware Articles*  
   Authors: Swee Kiat Lim, Aldrian Obaja Muis, Wei Lu and Chen Hui Ong
6. *Polish evaluation dataset for compositional distributional semantics models*  
   Authors: Alina Wróblewska and Katarzyna Krasnowska-Kieraś

Semantics

1. *A Progressive Learning Approach to Chinese SRL Using Heterogeneous Data*  
   Authors: Qiaolin Xia, Zhifang Sui and Baobao Chang
2. *A Transition-Based Directed Acyclic Graph Parser for UCCA*Authors:  Daniel Hershcovich, Omri Abend and Ari Rappoport
3. *A Syntactic Neural Model for General-Purpose Code Generation*  
   Authors: Pengcheng Yin and Graham Neubig
4. *Abstract Meaning Representation Parsing using LSTM Recurrent Neural Networks*  
   Authors: William Foland and James H. Martin
5. *Abstract Syntax Networks for Code Generation and Semantic Parsing*  
   Authors: Maxim Rabinovich, Mitchell Stern and Dan Klein
6. *An Interpretable Knowledge Transfer Model for Knowledge Base Completion*  
   Authors: Qizhe Xie, Xuezhe Ma, Zihang Dai and Eduard Hovy
7. *Automatic Induction of Synsets from a Graph of Synonyms*  
   Authors: Dmitry Ustalov, Alexander Panchenko and Chris Biemann
8. *Bridge Text and Knowledge by Learning Multi-Prototype Entity Mention Embedding*  
   Authors: Yixin Cao, Lifu Huang, Heng Ji, Xu Chen and Juanzi Li
9. *Deep Multitask Learning for Semantic Dependency Parsing*  
   Authors: Hao Peng, Sam Thomson and Noah A. Smith
10. *Deep Semantic Role Labeling: What Works and What’s Next*  
    Authors: Luheng He, Kenton Lee, Mike Lewis and Luke Zettlemoyer
11. *Enhanced LSTM for Natural Language Inference*  
    Authors: Qian Chen, Xiaodan Zhu, Zhen-Hua Ling, Si Wei, Hui Jiang and Diana Inkpen
12. *Identifying 1950s American Jazz Composers: Fine-Grained IsA Extraction via Modifier Composition*  
    Authors: Ellie Pavlick and Marius Pasca
13. *Improved Word Representation Learning with Sememes*  
    Authors: Yilin Niu, Ruobing Xie, Zhiyuan Liu and Maosong Sun
14. *Inducing Symbolic Meaning Representations for Semantic Parsing*  
    Authors: Jianpeng Cheng, Siva Reddy, Vijay Saraswat and Mirella Lapata
15. *Interactive Learning for Acquisition of Grounded Verb Semantics towards Human-Robot Communication*  
    Authors: Lanbo She and Joyce Chai
16. *Learning a Neural Semantic Parser from User Feedback*  
    Authors: Srinivasan Iyer, Ioannis Konstas, Alvin Cheung, Jayant Krishnamurthy and Luke Zettlemoyer
17. *Learning bilingual word embeddings with (almost) no bilingual data*  
    Authors: Mikel Artetxe, Gorka Labaka and Eneko Agirre
18. *Learning Character-level Compositionality with Visual Features*  
    Authors: Frederick Liu, Han Lu, Chieh Lo and Graham Neubig
19. *Learning Translational Semantic Correspondences in Technical Documentation*  
    Authors: Kyle Richardson and Jonas Kuhn
20. *Morph-fitting: Fine-Tuning Word Vector Spaces with Simple Language-Specific Rules*  
    Authors: Ivan Vulić, Nikola Mrkšić, Roi Reichart, Diarmuid Ó Séaghdha, Steve Young and Anna Korhonen
21. *Multimodal Word Distributions*  
    Authors: Ben Athiwaratkun and Andrew Wilson
22. *Naturalizing a Programming Language via Interactive Learning*  
    Authors: Sida I. Wang, Sam Ginn, Percy Liang and Christopher D. Manning
23. *Neural Modeling of Multi-Predicate Interactions for Japanese Predicate Argument Structure Analysis*  
    Authors: Hiroki Ouchi, Hiroyuki Shindo and Yuji Matsumoto
24. *Revisiting Recurrent Networks for Paraphrastic Sentence Embeddings*  
    Authors: John Wieting and Kevin Gimpel
25. *Riemannian Optimization for Skip-Gram Negative Sampling*  
    Authors: Alexander Fonarev, Oleksii Hrinchuk, Gleb Gusev, Pavel Serdyukov and Ivan Oseledets
26. *Semantic Word Clusters Using Signed Spectral Clustering*  
    Authors: Joao Sedoc, Jean Gallier, Dean Foster and Lyle Ungar
27. *Skip-Gram – Zipf + Uniform = Vector Additivity*  
    Authors: Alex Gittens, Dimitris Achlioptas and Michael W. Mahoney
28. *The State of the Art in Semantic Representation*  
    Authors: Omri Abend and Ari Rappoport
29. *TriviaQA: A Large Scale Distantly Supervised Challenge Dataset for Reading Comprehension*  
    Authors: Mandar Joshi, Eunsol Choi, Daniel Weld and Luke Zettlemoyer
30. *Using Ontology-Grounded Token Embeddings To Predict Prepositional Phrase Attachments*  
    Authors: Pradeep Dasigi, Waleed Ammar, Chris Dyer and Eduard Hovy

Sentiment Analysis Opinion Mining

1. *A Multidimensional Lexicon for Interpersonal Stancetaking*  
   Authors: Umashanthi Pavalanathan, Jim Fitzpatrick, Scott Kiesling and Jacob Eisenstein
2. *Active Sentiment Domain Adaptation*  
   Authors: Fangzhao Wu and Yongfeng Huang
3. *An Unsupervised Neural Attention Model for Aspect Extraction*  
   Authors: Ruidan He, Wee Sun Lee, Hwee Tou Ng and Daniel Dahlmeier
4. *Handling Cold-Start Problem in Review Spam Detection by Jointly Embedding Texts and Behaviors*  
   Authors: Xuepeng Wang, Jun Zhao and Kang Liu
5. *Learning Cognitive Features from Gaze Data for Sentiment and Sarcasm Classification using Convolutional Neural Network*  
   Authors: Abhijit Mishra, Kuntal Dey and Pushpak Bhattacharyya
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   Authors: Anil Ramakrishna, Victor R. Martínez, Nikolaos Malandrakis, Karan Singla and Shrikanth Narayanan
7. *Linguistically Regularized LSTM for Sentiment Classification*  
   Authors: Qiao Qian, Minlie Huang and xiaoyan zhu
8. *Modeling Contextual Relationship Among Utterances in Multimodal Sentiment Analysis*  
   Authors: Soujanya Poria, Devamanyu Hazarika, Navonil Majumder and Erik Cambria
9. *Other Topics You May Also Agree or Disagree: Modeling Inter-Topic Preferences using Tweets and Matrix Factorization*  
   Authors: Akira Sasaki, Kazuaki Hanawa, Naoaki Okazaki and Kentaro Inui
10. *Sarcasm SIGN: Interpreting Sarcasm with Sentiment Based Monolingual Machine Translation*  
    Authors: Lotem Peled and Roi Reichart
11. *Volatility Prediction using Financial Disclosures Sentiments with Word Embedding-based IR Models*  
    Authors: Navid Rekabsaz, Mihai Lupu, Artem Baklanov, Alexander Dür, Linda Andersson and Allan Hanbury

Social Media

1. *Beyond Binary Labels: Political Ideology Prediction of Twitter Users*  
   Authors: Daniel Preoţiuc-Pietro, Ye Liu, Daniel Hopkins and Lyle Ungar
2. *CANE: Context-Aware Network Embedding for Relation Modeling*  
   Authors: Cunchao Tu, Han Liu, Zhiyuan Liu and Maosong Sun
3. *Detect Rumors in Microblog Posts Using Propagation Structure via Kernel Learning*  
   Authors: Ma Jing, Wei Gao and Kam-Fai Wong
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   Authors: Muhammad Abdul-Mageed and Lyle Ungar
5. *Leveraging Behavioral and Social Information for Weakly Supervised Collective Classification of Political Discourse on Twitter*  
   Authors: Kristen Johnson and Dan Goldwasser
6. *Unifying Text, Metadata, and User Network Representations with a Neural Network for Geolocation Prediction*  
   Authors: Yasuhide Miura, Motoki Taniguchi, Tomoki Taniguchi and Tomoko Ohkuma

Speech

1. *Joint CTC-attention End-to-end Speech Recognition*  
   Authors: Shinji Watanabe, Takaaki Hori and John Hershey
2. *Learning Word-Like Units from Joint Audio-Visual Analysis*  
   Authors:  David Harwath and James Glass

Tagging Chunking Syntax Parsing

1. *A Full Non-Monotonic Transition System for Unrestricted Non-Projective Parsing*  
   Authors: Daniel Fernández-González and Carlos Gómez-Rodríguez
2. *A Minimal Span-Based Neural Constituent Parser*  
   Authors: Mitchell Stern, Jacob Andreas and Dan Klein
3. *A\* CCG Parsing with a Supertag and Dependency Factored Model*  
   Authors: Masashi Yoshikawa, Hiroshi Noji and Yuji Matsumoto
4. *Aggregating and Predicting Sequence Labels from Crowd Annotations*  
   Authors: An Thanh Nguyen, Byron Wallace, Junyi Jessy Li, Ani Nenkova and Matthew Lease
5. *Generic Axiomatization of Families of Noncrossing Graphs in Dependency Parsing*  
   Authors: Anssi Yli-Jyrä and Carlos Gómez-Rodríguez
6. *Neural Joint Model for Transition-based Chinese Syntactic Analysis*  
   Authors: Shuhei Kurita, Daisuke Kawahara and Sadao Kurohashi
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   Authors: Jie Yang, Yue Zhang and Fei Dong
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   Authors: Jan Buys and Phil Blunsom
9. *Parsing to 1-Endpoint-Crossing, Pagenumber-2 Graphs*  
   Authors: Junjie Cao, Sheng Huang, Weiwei Sun and Xiaojun Wan
10. *Semantic Dependency Parsing via Book Embedding*  
    Authors: Weiwei Sun, Junjie Cao and Xiaojun Wan
11. *Semantic Parsing of Pre-university Math Problems*  
    Authors: Takuya Matsuzaki, Takumi Ito, Hidenao Iwane, Hirokazu Anai and Noriko H. Arai
12. *Semi-supervised Multitask Learning for Sequence Labeling*  
    Authors: Marek Rei
13. *Semi-supervised sequence tagging with bidirectional language models*  
    Authors: Matthew Peters, Waleed Ammar, Chandra Bhagavatula and Russell Power
14. *Universal Dependencies Parsing for Colloquial Singaporean English*  
    Authors: Hongmin Wang, Yue Zhang, GuangYong Leonard Chan, Jie Yang and Hai Leong Chieu

Vision Robots Grounding

1. *Combining distributional and referential information for naming objects through cross-modal mapping and direct word prediction*  
   Authors: Sina Zarrieß and David Schlangen
2. *FOIL it! Find One mismatch between Image and Language caption*  
   Authors: Ravi Shekhar, Sandro Pezzelle, Yauhen Klimovich, Aurélie Herbelot, Moin Nabi, Enver Sangineto and Raffaella Bernardi
3. *Multi-Task Video Captioning with Visual and Textual Entailment*  
   Authors: Ramakanth Pasunuru and Mohit Bansal
4. *Translating Neuralese*  
   Authors: Jacob Andreas, Anca Dragan and Dan Klein
5. *Verb Physics: Relative Physical Knowledge of Actions and Objects*  
   Authors: Maxwell Forbes and Yejin Choi

Accepted Short Papers

Biomedical

1. *Neural Architecture for Temporal Relation Extraction: A Bi-LSTM Approach for Detecting Narrative Containers*  
   Authors: Julien Tourille, Olivier Ferret, Aurelie Neveol and Xavier Tannier
2. *Vector space models for evaluating semantic fluency in autism*  
   Authors: Emily Prud’hommeaux, Jan van Santen and Douglas Gliner

Cognitive Modelling and Psycholinguistics

1. *The Role of Prosody and Speech Register in Word Segmentation: A Computational Modelling Perspective*  
   Authors: Bogdan Ludusan, Reiko Mazuka, Mathieu Bernard, Alejandrina Cristia and Emmanuel Dupoux

Dialog Interactive Systems

1. *A Conditional Variational Framework for Dialog Generation*  
   Authors: Xiaoyu Shen, Hui Su, Yanran Li, Wenjie Li, Shuzi Niu and Akiko Aizawa
2. *How to Make Contexts More Useful? An Empirical Study to Context-Aware Neural Conversation Models*  
   Authors: Zhiliang Tian, Rui Yan, Lili Mou, Yiping Song, Yansong Feng and Dongyan Zhao
3. *MeChat: A Sequence to Sequence and Rerank based Chatbot Engine*  
   Authors:  Minghui Qiu and Feng-Lin Li

Discourse Pragmatics

1. *A Recurrent Neural Model with Attention for the Recognition of Chinese Implicit Discourse Relations*  
   Authors: Niko Schenk and Samuel Rönnqvist
2. *A Two-stage Parsing Method for Text-level Discourse Analysis*  
   Authors: Yizhong Wang and Sujian Li
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   Authors: Henning Wachsmuth, Nona Naderi, Ivan Habernal, Yufang Hou, Graeme Hirst, Iryna Gurevych and Benno Stein
4. *Cross-lingual and cross-domain discourse segmentation of entire documents*  
   Authors: Chloé Braud, Ophélie Lacroix and Anders Søgaard
5. *Detecting Good Arguments in a Non-Topic-Specific Way: An Oxymoron?*  
   Authors: Beata Beigman Klebanov, Binod Gyawali and Yi Song
6. *Discourse Annotation of Non-native Spontaneous Spoken Responses Using the Rhetorical Structure Theory Framework*  
   Authors: Xinhao Wang, James Bruno, Hillary Molloy, Keelan Evanini and Klaus Zechner
7. *Improving Implicit Discourse Relation Recognition with Discourse-specific Word Embeddings*  
   Authors: Changxing Wu, xiaodong shi, Yidong Chen, jinsong su and Boli Wang
8. *Lexical Features in Coreference Resolution: To be Used With Caution*  
   Authors: Nafise Sadat Moosavi and Michael Strube

Generation Summarization

1. *A Principled Framework for Evaluating Summarizers: Comparing Models of Summary Quality against Human Judgments*  
   Authors: Maxime Peyrard and Judith Eckle-Kohler
2. *Japanese Sentence Compression with a Large Training Dataset*  
   Authors: Shun Hasegawa, Yuta Kikuchi, Hiroya Takamura and Manabu Okumura
3. *Learning to Generate Natural Language Descriptions From Source Code Changes*  
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4. *Oracle Summaries of Compressive Summarization*  
   Authors: Tsutomu Hirao, Masaaki Nishino and Masaaki Nagata

IE QA Text Mining Applications

1. *A Generative Attentional Neural Network Model for Dialogue Act Classification*  
   Authors: Quan Hung Tran, Gholamreza Haffari and Ingrid Zukerman
2. *Bootstrapping for Numerical Open IE*  
   Authors: Swarnadeep Saha, Harinder Pal and Mausam
3. *Cardinal Virtues: Extracting Relation Cardinalities from Text*  
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    Authors: Gabriel Stanovsky, Judith Eckle-Kohler, Yevgeniy Puzikov, Ido Dagan and Iryna Gurevych
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Multidisciplinary

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   Authors: Yow-Ting Shiue, Hen-Hsen Huang and Hsin-Hsi Chen
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Phonology Morphology Word Segmentation

1. *Challenging Language-Dependent Segmentation for Arabic: An Application to Machine Translation and Part-of-Speech Tagging*  
   Authors: Hassan Sajjad, Fahim Dalvi, Nadir Durrani, Ahmed Abdelali, Yonatan Belinkov and Stephan Vogel
2. *Evaluation of Compound Splitting with Textual Entailment*  
   Authors: Glorianna Jagfeld, Patrick Ziering and Lonneke van der Plas
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   Authors: Deng Cai and Hai Zhao

Resources Evaluation

1. *“Liar, Liar Pants on Fire”: A New Benchmark Dataset for Fake News Detection*Authors:  William Yang Wang
2. *Constructing Large-Scale Japanese Image Caption Dataset*  
   Authors: Yuya Yoshikawa, Yutaro Shigeto and Akikazu Takeuchi
3. *English Multiword Expression-aware Dependency Parsing including Named Entities*  
   Authors: Akihiko Kato, Hiroyuki Shindo and Yuji Matsumoto
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   Authors: Sanja Štajner, Marc Franco-Salvador, Simone Paolo Ponzetto, Paolo Rosso and Heiner Stuckenschmidt
5. *Understanding Task Design Trade-offs in Crowdsourced Paraphrase Collection*  
   Authors: Youxuan Jiang, Jonathan K. Kummerfeld and Walter S. Lasecki

Semantics

1. *AMR-to-text Generation with Synchronous Node Replacement Grammar*  
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Sentiment Analysis Opinion Mining

1. *Best-Worst Scaling More Reliable than Rating Scales: A Case Study on Sentiment Intensity Annotation*  
   Authors: Svetlana Kiritchenko and Saif Mohammad
2. *Exploiting Domain Knowledge via Grouped Weight Sharing with Application to Text Categorization*  
   Authors: Ye Zhang, Matthew Lease and Byron C. Wallace
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   Authors: Lena Reed, Jiaqi Wu, Shereen Oraby, Pranav Anand and Marilyn Walker
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Social Media

1. *A Network Framework for Noisy Label Aggregation in Social Media*  
   Authors: Xueying Zhan, Yaowei Wang, Yanghui Rao, Haoran Xie, Qing Li, Fu Lee Wang and Tak-Lam Wong
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   Authors: Afshin Rahimi, Trevor Cohn and Timothy Baldwin
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   Authors: Youngseo Son, Anneke Buffone, H. Andrew Schwartz and Lyle Ungar
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   Authors: Kyle Shaffer, Jin Yea Jang, Nathan Hodas and Svitlana Volkova
9. *Temporal Orientation of Tweets for Predicting Income of User*  
   Authors: Mohammed Hasanuzzaman, Sabyasachi Kamila, Mandeep Kaur, Sriparna Saha and Asif Ekbal
10. *Twitter Demographic Classification using deep Multi-modal Multi-task Learning*  
    Authors: Soroush Vosoughi, Prashanth Vijayaraghavan and Deb Roy

Speech

1. *Incorporating Uncertainty into Deep Learning for Spoken Language Assessment*  
   Authors: Andrey Malinin, Anton Ragni, Kate Knill and Mark Gales

Tagging Chunking Syntax Parsing

1. *A Generative Parser with a Discriminative Recognition Algorithm*  
   Authors: Jianpeng Cheng, Adam Lopez and Mirella Lapata
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   Authors: Peng Qi and Christopher D. Manning
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   Authors: Xiang Yu and Ngoc Thang Vu
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   Authors: Alymzhan Toleu, Gulmira Tolegen and Aibek Makazhanov
5. *How (not) to train a dependency parser: The curious case of jackknifing part-of-speech taggers*  
   Authors: Željko Agić and Natalie Schluter
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   Authors: Rob van der Goot and Gertjan van Noord
7. *Separating Reranking Effects from Model Combination Effects in Generative Neural Constituency Parsers*  
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1. *A Corpus of Compositional Language for Visual Reasoning*  
   Authors: Alane Suhr, Mike Lewis, James Yeh and Yoav Artzi
2. *A Survey on Action Recognition Datasets and Tasks for Still Images*  
   Authors: Spandana Gella and Frank Keller

Accepted Software Demonstrations

1. *Extended Named Entity Recognition API and Its Applications in Language Education*   
   Authors:  Tuan Duc Nguyen, Khai Mai, Thai-Hoang Pham, Minh Trung Nguyen, Truc-Vien T. Nguyen, Takashi Eguchi, Ryohei Sasano and Satoshi Sekine
2. *Swanson linking revisited: Accelerating literature-based discovery across domains using a conceptual influence graph*   
   Authors:  Gus Hahn-Powell, Marco A. Valenzuela-Escárcega and Mihai Surdeanu
3. *OpenNMT: Open-Source Toolkit for Neural Machine Translation*   
   Authors:  Guillaume Klein, Yoon Kim, Yuntian Deng, Jean Senellart and Alexander M. Rush
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   Authors:  Kateryna Tymoshenko, Alessandro Moschitti, Massimo Nicosia and Aliaksei Severyn
5. *Scattertext: a Browser-Based Tool for Visualizing how Corpora Differ*   
   Authors:  Jason Kessler
6. *Benben: A Chinese Intelligent Conversational Robot*   
   Authors:  Wei-Nan Zhang, Ting Liu, Bing Qin, Yu Zhang, Wanxiang Che, Yanyan Zhao and Xiao Ding
7. *Zara Returns: Improved Personality Induction and Adaptation by an Empathetic Virtual Agent*   
   Authors:  Pascale Fung, Farhad Bin Siddique, Onno Kampman, Yang Yang and Anik Dey
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   Authors:  Marjan Ghazvininejad, Xing Shi, Jay Priyadarshi and Kevin Knight
9. *SuperAgent: A Customer Service Chatbot for E-commerce Websites*   
   Authors:  Lei Cui, Shaohan Huang, Furu Wei, Chuanqi Tan, Chaoqun Duan and Ming Zhou
10. *End-to-End Non-Factoid Question Answering with an Interactive Visualization of Neural Attention Weights*   
    Authors: Andreas Rücklé and Iryna Gurevych
11. *Automating Biomedical Evidence Synthesis: RobotReviewer*   
    Authors:  Iain Marshall, Joël Kuiper, Edward Banner and Byron C. Wallace
12. *Interactive Visual Analysis of Transcribed Multi-Party Discourse*   
    Authors:  Mennatallah El-Assady, Annette Hautli-Janisz, Valentin Gold, Miriam Butt, Katharina Holzinger and Daniel Keim
13. *CU-PyDial: A Multi-domain Statistical Dialogue System Toolkit*   
    Authors:  Stefan Ultes, Lina M. Rojas Barahona, Pei-Hao Su, David Vandyke, Dongho Kim, Iñigo Casanueva, Pawe? Budzianowski, Nikola Mrk¨i?, Tsung-Hsien Wen, Milica Gasic and Steve Young
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    Authors:  Erik Faessler and Udo Hahn
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    Authors:  Mariana Neves, Hendrik Folkerts, Marcel Jankrift, Julian Niedermeier, Toni Stachewicz, Sören Tietböhl and Milena Kraus
17. *Exploring Diachronic Lexical Semantics with JEDISEM*   
    Authors:  Johannes Hellrich and Udo Hahn
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    Authors:  Xiang Ren, Jiaming Shen, Meng Qu, Xuan Wang, Zeqiu Wu, Qi Zhu, Meng Jiang, Fangbo Tao, Saurabh Sinha, David Liem, Peipei Ping, Richard Weinshilboum and Jiawei Han
19. *Annotating tense, mood and voice for English, French and German*   
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20. *ESTEEM: A Novel Framework for Qualitatively Evaluating and Visualizing Spatiotemporal Embeddings in Social Media*   
    Authors:  Dustin Arendt and Svitlana Volkova
21. *WebChild++ : Fine-Grained Commonsense Knowledge Distillation*   
    Authors:  Niket Tandon, Gerard de Melo and Gerhard Weikum

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1. *Decoding Anagrammed Texts Written in an Unknown Language and Script*  
   Authors: Bradley Hauer and Grzegorz Kondrak
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   Authors: Andrew J. Anderson, Douwe Kiela, Stephen Clark, Massimo Poesio
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