54th Annual Meeting of the Association Computer Linguistics
8 August 2016

Konferenzetage 1. Etage / Conference floor 1

Poster Guide for Monday, 8th August

8th August

Main Conference Posters I + Student Research Workshop

Saal/Hall Maritim A+B+C

1 *Detecting Mild Cognitive Impairment by Exploiting Linguistic Information from Transcripts*
Veronika Vincze, Gábor Gosztolya, László Tóth, Ildikó Hoffmann, Gréta Szatlóczki, Zoltán Bánréti, Magdolna Pákáski and János Kálmán

2 *Harnessing Cognitive Features for Sarcasm Detection*
Abhijit Mishra, Diptesh Kanojia, Seema Nagar, Kuntal Dey and Pushpak Bhattacharyya

3 *Prediction of Prospective User Engagement with Intelligent Assistants*
Shumpei Sano, Nobuhiro Kaji and Manabu Sassano

4 *Exploring Convolutional and Recurrent Neural Networks in Sequential Labelling for Dialogue Topic Tracking*
Seokhwan Kim, Rafael Banchs and Haizhou Li

5 *An Investigation on The Effectiveness of Employing Topic Modeling Techniques to Provide Topic Awareness For Conversational Agents*
Omid Moradiannasab

6 *Context-aware Argumentative Relation Mining*
Huy Nguyen and Diane Litman

7 *QA-It: Classifying Non-Referential It for Question Answer Pairs*
Timothy Lee, Alex Lutz and Jinho D. Choi

8 *Chinese Zero Pronoun Resolution with Deep Neural Networks*
Chen Chen and Vincent Ng

9 *Predicting the Rise and Fall of Scientific Topics from Trends in their Rhetorical Framing*
Vinodkumar Prabhakaran, William L. Hamilton, Dan McFarland and Dan Jurafsky

10 *Recognizing Salient Entities in Shopping Queries*
Zornitsa Kozareva, Qi Li, Ke Zhai and Weiwei Guo

11 *A Fast Approach for Semantic Similar Short Texts Retrieval*
Yanhui Gu, Zhenglu Yang, Junsheng Zhou, Weiguang QU, Jinmao Wei and Xingtian Shi

12 *Scaling a Natural Language Generation System*
Jonathan Pfeil and Soumya Ray

13 *A Persona-Based Neural Conversation Model*
Jiwei Li, Michel Galley, Chris Brockett, Georgios Spithourakis, Jianfeng Gao and Bill Dolan

14 *Sequence-to-Sequence Generation for Spoken Dialogue via Deep Syntax Trees and Strings*
Ondřej Dušek and Filip Jurcicek

15 *Generating Natural Language Descriptions for Semantic Representations of Human Brain Activity*
Eri Matsuo, Ichiro Kobayashi, Shinji Nishimoto, Satoshi Nishida and Hideki Asoh

16 *Modeling Concept Dependencies in a Scientific Corpus*
Jonathan Gordon, Linhong Zhu, Aram Galstyan, Prem Natarajan and Gully Burns

17 *Building a Corpus for Japanese Wikification with Fine-Grained Entity Classes*
Davaajav Jargalsaikhan, Naoaki Okazaki, Koji Matsuda and Kentaro Inui

42 *A Personalized Markov Clustering and Deep Learning Approach for Arabic Text Categorization*
Vasu Jindal

43 *Unsupervised Multi-Author Document Decomposition Based on Hidden Markov Model*
Khaled Aldebei, Xiangjian He, Wenjing Jia and Jie Yang

44 *Unsupervised Authorial Clustering Based on Syntactic Structure*
Alon Daks and Aidan Clark

45 *ALTO: Active Learning with Topic Overviews for Speeding Label Induction and Document Labeling*
Forough Poursabzi-Sangdeh, Jordan Boyd-Graber, Leah Findlater and Kevin Seppi

46 *Inner Attention based Recurrent Neural Networks for Answer Selection*
Bingning Wang, Kang Liu and Jun Zhao

47 *Relation Classification via Multi-Level Attention CNNs*
Linlin Wang, Zhu Cao, Gerard de Melo and Zhiyuan Liu

48 *RBPB: Regularization-Based Pattern Balancing Method for Event Extraction*
Lei Sha, Jing Liu, Chin-Yew Lin, Sujian Li, Baobao Chang and Zhifang Sui

49 *End-to-End Relation Extraction using LSTMs on Sequences and Tree Structures*
Makoto Miwa and Mohit Bansal

50 *Knowledge Base Completion via Coupled Path Ranking*
Quan Wang, Jing Liu, Yuanfei Luo, Bin Wang and Chin-Yew Lin

51 *Bidirectional Recurrent Convolutional Neural Network for Relation Classification*
Rui Cai, Xiaodong Zhang and Houfeng Wang

52 *Text Understanding with the Attention Sum Reader Network*
Rudolf Kadlec, Martin Schmid, Ondřej Bajgar and Jan Kleindienst

53 *CFO: Conditional Focused Neural Question Answering with Large-scale Knowledge Bases*
Zihang Dai, Lei Li and Wei Xu

54 *Attention-Based Bidirectional Long Short-Term Memory Networks for Relation Classification*
Peng Zhou, Wei Shi, Jun Tian, Zhenyu Qi, Bingchen Li, Hongwei Hao and Bo Xu

55 *Improving Named Entity Recognition for Chinese Social Media with Word Segmentation Representation Learning*
Nanyun Peng and Mark Dredze

56 *Discriminative Deep Random Walk for Network Classification*
Juzheng Li, Jun Zhu and Bo Zhang

57 *Segment-Level Sequence Modeling using Gated Recursive Semi-Markov Conditional Random Fields*
Jingwei Zhuo, Yong Cao, Jun Zhu, Bo Zhang and Zaiqing Nie

58 *Larger-Context Language Modelling with Recurrent Neural Network*
Tian Wang and Kyunghyun Cho

59 *A Domain Adaptation Regularization for Denoising Autoencoders*
Stephane Clinchant, Gabriela Csurka and Boris Chidlovskii

60 *Improving cross-domain n-gram language modelling with skipgrams*
Louis Onrust, Antal van den Bosch and Hugo Van hamme

61 *Normalized Log-Linear Interpolation of Backoff Language Models is Efficient*
Kenneth Heafield, Chase Geigle, Sean Massung and Lane Schwartz

62 *Dependency Forest based Word Alignment*
Hitoshi Otsuki, Chenhui Chu, Toshiaki Nakazawa and Sadao Kurohashi

63 *Off-topic Response Detection for Spontaneous Spoken English Assessment*
Andrey Malinin, Rogier van Dalen, Kate Knill, Yu Wang and Mark Gales

64 *Resolving References to Objects in Photographs using the Words-As-Classifiers Model*
David Schlangen, Sina Zarrieß and Casey Kennington

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65 *The Value of Semantic Parse Labeling for Knowledge Base Question Answering*
Wen-Tau Yih, Matthew Richardson, Chris Meek, Ming-Wei Chang and Jina Suh

66 *Unanimous Prediction for 100% Precision with Application to Learning Semantic Mappings*

Fereshte Khani, Martin Rinard and Percy Liang

67 *Singleton Detection using Word Embeddings and Neural Networks*
Hessel Haagsma

68 *Learning Word Meta-Embeddings*
Wenpeng Yin and Hinrich Schütze

69 *Neural Semantic Role Labeling with Dependency Path Embeddings*
Michael Roth and Mirella Lapata

70 *Sentence Rewriting for Semantic Parsing*
Bo Chen, Le Sun, Xianpei Han and Bo An

71 *Annotating and Predicting Non-Restrictive Noun Phrase Modifications*
Gabriel Stanovsky and Ido Dagan

72 *Siamese CBOW: Optimizing Word Embeddings for Sentence Representations*
Tom Kenter, Alexey Borisov and Maarten de Rijke

73 *Sequence-based Structured Prediction for Semantic Parsing*
Chunyang Xiao, Marc Dymetman and Claire Gardent

74 *Improved Semantic Parsers For If-Then Statements*
I. Beltagy and Chris Quirk

75 *Embeddings for Word Sense Disambiguation: An Evaluation Study*
Ignacio Iacobacci, Mohammad Taher Pilehvar and Roberto Navigli

76 *Normalising Medical Concepts in Social Media Texts by Learning Semantic Representation*
Nut Limsopatham and Nigel Collier

77 *Deep Fusion LSTMs for Text Semantic Matching*
Pengfei Liu, Xipeng Qiu, Jifan Chen and Xuanjing Huang

78 *Learning Semantically and Additively Compositional Distributional Representations*
Ran Tian, Naoaki Okazaki and Kentaro Inui

79 *Robust Co-occurrence Quantification for Lexical Distributional Semantics*
Dmitrijs Milajevs, Mehrnoosh Sadrzadeh and Matthew Purver

80 *Neural Network-Based Model for Japanese Predicate Argument Structure Analysis*
Tomohide Shibata, Daisuke Kawahara and Sadao Kurohashi

81 *Addressing Limited Data for Textual Entailment Across Domains*
Chaitanya Shivade, Preethi Raghavan and Siddharth Patwardhan

82 *On the Linearity of Semantic Change: Investigating Meaning Variation via Dynamic Graph Models*
Steffen Eger and Alexander Mehler

83 *How Naked is the Naked Truth? A Multilingual Lexicon of Nominal Compound Compositionality*
Carlos Ramisch, Silvio Cordeiro, Leonardo Zilio, Marco Idiart and Aline Villavicencio

84 *Semantic classifications for detection of verb metaphors*
Beata Beigman Klebanov, Chee Wee Leong, E. Dario Gutierrez, Ekaterina Shutova and Michael Flor

85 *Leveraging Lexical Resources for Learning Entity Embeddings in Multi-Relational Data*
Teng Long, Ryan Lowe, Jackie Chi Kit Cheung and Doina Precup

86 *Multiplicative Representations for Unsupervised Semantic Role Induction*
Yi Luan, Yangfeng Ji, Hannaneh Hajishirzi and Boyang Li

87 *Natural Language Inference by Tree-Based Convolution and Heuristic Matching*
Lili Mou, Rui Men, Ge Li, Yan Xu, Lu Zhang, Rui Yan and Zhi Jin

88 *Extracting token-level signals of syntactic processing from fMRI - with an application to PoS induction*
Joachim Bingel, Maria Barrett and Anders Sżgaard

89 *Leveraging Inflection Tables for Stemming and Lemmatization.*
Garrett Nicolai and Grzegorz Kondrak

90 *Unsupervised morph segmentation and statistical language models for vocabulary expansion*
Matti Varjokallio and Dietrich Klakow

91 *Significance of an Accurate Sandhi-Splitter in Shallow Parsing of Dravidian Languages*
Devadath V V and Dipti Misra Sharma

92 *Joint Word Segmentation and Phonetic Category Induction*
Micha Elsner, Stephanie Antetomaso and Naomi Feldman

93 *Unsupervised Lexicon Discovery from Acoustic Input (TACL)*
Chia-Ying Lee, Timothy O'donnell and James Glass

94 *Universal Dependencies for Learner English*
Yevgeni Berzak, Jessica Kenney, Carolyn Spadine, Jing Xian Wang, Lucia Lam, Keiko Sophie Mori, Sebastian Garza and Boris Katz

95 *Verbs Taking Clausal and Non-Finite Arguments as Signals of Modality – Revisiting the Issue of Meaning Grounded in Syntax*
Judith Eckle-Kohler

96 *A short proof that O_2 is an MCFL*
Mark-Jan Nederhof

97 *End-to-end Sequence Labeling via Bi-directional LSTM-CNNs-CRF*
Xuezhe Ma and Eduard Hovy

98 *Probabilistic Graph-based Dependency Parsing with Convolutional Neural Network*
Zhisong Zhang, Hai Zhao and Lianhui Qin

99 *Graph- and surface-level sentence chunking*
Ewa Muszyńska

100 *Coordination Annotation Extension in the Penn Tree Bank*
Jessica Ficler and Yoav Goldberg

101 *A Dataset for Joint Noun-Noun Compound Bracketing and Interpretation*
Murhaf Fares

102 *A Search-Based Dynamic Reranking Model for Dependency Parsing*
Hao Zhou, Yue Zhang, Shujian Huang, Junsheng Zhou, XIN-YU DAI and Jiajun Chen

103 *Improving Dependency Parsing Using Sentence Clause Charts*
Vincent Kríž and Barbora Hladka

104 *Compositional Sequence Labeling Models for Error Detection in Learner Writing*
Marek Rei and Helen Yannakoudakis

105 *Transition-Based Left-Corner Parsing for Identifying PTB-Style Nonlocal Dependencies*
Yoshihide Kato and Shigeki Matsubara

106 *Improved Parsing for Argument-Clusters Coordination*
Jessica Ficler and Yoav Goldberg

107 *Empty element recovery by spinal parser operations*
Katsuhiko Hayashi and Masaaki Nagata

108 *Incremental Parsing with Minimal Features Using Bi-Directional LSTM*
James Cross and Liang Huang

Salon 2

109 *Bilingual Segmented Topic Model*
Akihiro Tamura and Eiichiro Sumita

110 *An Efficient Cross-lingual Model for Sentence Classification Using Convolutional Neural Network*
Yandi Xia, Zhongyu Wei and Yang Liu

111 *A Continuous Space Rule Selection Model for Syntax-based Statistical Machine Translation*
Jingyi Zhang, Masao Utiyama, Eiichro Sumita, Graham Neubig and Satoshi Nakamura

112 *Tree-to-Sequence Attentional Neural Machine Translation*
Akiko Eriguchi, Kazuma Hashimoto and Yoshimasa Tsuruoka

113 *Achieving Open Vocabulary Neural Machine Translation with Hybrid Word-Character Models*
Minh-Thang Luong and Christopher D. Manning

114 *Vocabulary Manipulation for Neural Machine Translation*
Haitao Mi, Zhiguo Wang and Abe Ittycheriah

115 *Improving Statistical Machine Translation Performance by Oracle-BLEU Model Re-estimation*
Praveen Dakwale and Christof Monz

116 *Word Alignment without NULL Words*
Philip Schulz, Wilker Aziz and Khalil Sima'an

117 *Agreement-based Learning of Parallel Lexicons and Phrases from Non-Parallel Corpora*
Chunyang Liu, Yang Liu, Maosong Sun, Huanbo Luan and Heng Yu

118 *Cross-lingual projection for class-based language models*
Beat Gfeller, Vlad Schogol and Keith Hall

119 *Multi-Modal Representations for Improved Bilingual Lexicon Learning*
Ivan Vulić, Douwe Kiela, Stephen Clark and Marie-Francine Moens

120 *An Open Web Platform for Rule-Based Speech-to-Sign Translation*
Manny Rayner, Pierrette Bouillon, Sarah Ebling, Johanna Gerlach, Irene Strasly and Nikos Tsourakis

121 *A Language-Independent Neural Network for Event Detection*
Xiaocheng Feng, Lifu Huang, Duyu Tang, Heng Ji, Bing Qin and Ting Liu

122 *Reference Bias in Monolingual Machine Translation Evaluation*
Marina Fomicheva and Lucia Specia

123 *Synthesizing Compound Words for Machine Translation*
Austin Matthews, Eva Schlinger, Alon Lavie and Chris Dyer

124 *Cross-Lingual Lexico-Semantic Transfer in Language Learning*
Ekaterina Kochmar and Ekaterina Shutova

Demonstrations A

Salon 3+4

D1 *POLYGLOT: Multilingual Semantic Role Labeling with Unified Labels*
Alan Akbik and Yunyao Li

D2 *Online Information Retrieval for Language Learning*
Maria Chinkina, Madeeswaran Kannan and Detmar Meurers

D3 *Terminology Extraction with Term Variant Detection*
Aamien Cram and Beatrice Daille

D4 *DeepLife: an Entity-aware Search, Analytics and Exploration Platform for Health and Life Sciences*
Patrick Ernst, Amy Siu, Dragan Milchevski, Johannes Hoffart and Gerhard Weikum

D5 *A Web-framework for ODIN Annotation*
Ryan Georgi, Michael Wayne Goodman and Fei Xia

D6 *Real-time Discovery and Geospatial Visualization of Mobility and Industry Events from Large-Scale, Heterogeneous Data Streams*
Leonhard Hennig, Philippe Thomas, Renlong Ai, Johannes Kirschnick, Wang He, Jakob Pannier, Nora Zimmermann, Sven Schmeier, Feiyu Xu, Jan Ostwald and Hans Uszkoreit

D7 *TranscRater: a Tool for Automatic Speech Recognition Quality Estimation*
Shahab Jalalvand, Matteo Negri, Marco Turchi, José G. C. de Souza and Falavigna Daniele

D8 *MMFeat: a Toolkit for Extracting Multi-modal Features*
Douwe Kiela

D9 *JEDI: Joint Entity and Relation Detection using Type Inference*
Johannes Kirschnick, Holmer Hemsen and Volker Markl

D10 *OpenDial: a Toolkit for Developing Spoken Dialogue Systems with Probabilistic Rules*
Pierre Lison and Casey Kennington

D11 *MUSEEC: a Multilingual Text Summarization Tool*
Marina Litvak, Natalia Vanetik, Mark Last and Elena Churkin

D12 *Language Muse: Automated Linguistic Activity Generation for English Language Learners*
Nitin Madnani, Jill Burstein, John Sabatini, Kietha Biggers and Slava Andreyev

D13 *Jigg: a Framework for an Easy Natural Language Processing Pipeline*
Hiroshi Noji and Yusuke Miyao

D14 *ccg2lambda: a Compositional Semantics System*
Pascual Martínez-Gómez, Koji Mineshima, Yusuke Miyao and Daisuke Bekki

D15 *MeTA: a Unified Toolkit for Text Retrieval and Analysis*
Sean Massung, Chase Geigle and Chengxiang Zhai

D16 *MDSWriter: Aannotation Tool for Creating High-Quality Multi-Document Summarization Corpora*
Christian M. Meyer, Darina Benikova, Margot Mieskes and Iryna Gurevych

D17 *An Advanced Press Review System Combining Deep News Analysis and Achine Learning Algorithms*
Danuta Ploch, Andreas Lommatzsch and Florian Schultze

D18 *Visualizing and Curating Knowledge Graphs over Time and Space*
Tong Ge, Yafang Wang, Gerard de Melo and Haofeng Li

D19 *TMop: a Tool for Unsupervised Translation Memory Cleaning*
Masoud Jalili Sabet, Matteo Negri, Marco Turchi, José G. C. de Souza and Marcello Federico