

COLING 2018

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COLING 2018 Best papers

Posted on [June 14, 2018](#) by [Leon Derczynski](#)

There are multiple categories of award at COLING 2018, as we laid out in [an earlier blog post](#). **We received 44 nominations for best papers** over ten categories, and conferred best paper awards in the categories as follows:

- **Best error analysis:** SGM: Sequence Generation Model for Multi-label Classification, by Pengcheng Yang, Xu Sun, Wei Li, Shuming Ma, Wei Wu and Houfeng Wang.
- **Best evaluation:** SGM: Sequence Generation Model for Multi-label Classification, by Pengcheng Yang, Xu Sun, Wei Li, Shuming Ma, Wei Wu and Houfeng Wang.
- **Best linguistic analysis:** Distinguishing affixoid formations from compounds, by Josef Ruppenhofer, Michael Wiegand, Rebecca Wilm and Katja Markert
- **Best NLP engineering experiment:** Authorless Topic Models: Biasing Models Away from Known Structure, by Laure Thompson and David Mimno
- **Best position paper:** Arguments and Adjuncts in Universal Dependencies, by Adam Przepiórkowski and Agnieszka Patejuk
- **Best reproduction paper:** Neural Network Models for Paraphrase Identification, Semantic Textual Similarity, Natural Language Inference, and Question Answering, by Wuwei Lan and Wei Xu
- **Best resource paper:** AnlamVer: Semantic Model Evaluation Dataset for Turkish – Word Similarity and Relatedness, by Gökhan Ercan and Olcay Taner Yıldız
- **Best survey paper:** A Survey on Open Information Extraction, by Christina Niklaus, Matthias Cetto, André Freitas and Siegfried Handschuh
- **Most reproducible:** Design Challenges and Misconceptions in Neural Sequence Labeling, by Jie Yang, Shuailong Liang and Yue Zhang

Note that, as announced last year, for open science & reproducibility COLING 2018 did not confer best paper awards to paper that could not make the code/resources publicly

available by camera ready time. This means you can ask the best paper authors for associated data and programs right now, and they should be able to provide you with a link.

In addition, we would like to note the following papers as “Area Chair Favorites”, which were nominated by reviewers and recognised as excellent by chairs.

- Visual Question Answering Dataset for Bilingual Image Understanding: A study of cross-lingual transfer using attention maps. Nobuyuki Shimizu, Na Rong and Takashi Miyazaki
- Using J-K-fold Cross Validation To Reduce Variance When Tuning NLP Models. Henry Moss, David Leslie and Paul Rayson
- Measuring the Diversity of Automatic Image Descriptions. Emiel van Miltenburg, Desmond Elliott and Piek Vossen
- Reading Comprehension with Graph-based Temporal-Causal Reasoning. Yawei Sun, Gong Cheng and Yuzhong Qu
- Diachronic word embeddings and semantic shifts: a survey. Andrey Kutuzov, Lilja Øvrelid, Terrence Szymanski and Erik Velldal
- Transfer Learning for Entity Recognition of Novel Classes. Juan Diego Rodriguez, Adam Caldwell and Alexander Liu
- Joint Modeling of Structure Identification and Nuclearity Recognition in Macro Chinese Discourse Treebank. Xiaomin Chu, Feng Jiang, Yi Zhou, Guodong Zhou and Qiaoming Zhu
- Unsupervised Morphology Learning with Statistical Paradigms. Hongzhi Xu, Mitchell Marcus, Charles Yang and Lyle Ungar
- Challenges of language technologies for the Americas indigenous languages. Manuel Mager, Ximena Gutierrez-Vasques, Gerardo Sierra and Ivan Meza-Ruiz
- A Lexicon-Based Supervised Attention Model for Neural Sentiment Analysis. Yicheng Zou, Tao Gui, Qi Zhang and Xuanjing Huang
- From Text to Lexicon: Bridging the Gap between Word Embeddings and Lexical Resources. Ilia Kuznetsov and Iryna Gurevych
- The Road to Success: Assessing the Fate of Linguistic Innovations in Online Communities. Marco Del Tredici and Raquel Fernández
- Relation Induction in Word Embeddings Revisited. Zied Bouraoui, Shoaib Jameel and Steven Schockaert
- Learning with Noise-Contrastive Estimation: Easing training by learning to scale. Matthieu Labeau and Alexandre Allauzen
- Stress Test Evaluation for Natural Language Inference. Aakanksha Naik, Abhilasha Ravichander, Norman Sadeh, Carolyn Rose and Graham Neubig
- Recurrent One-Hop Predictions for Reasoning over Knowledge Graphs. Wenpeng Yin, Yadollah Yaghoobzadeh and Hinrich Schütze

- SMHD: a Large-Scale Resource for Exploring Online Language Usage for Multiple Mental Health Conditions. Arman Cohan, Bart Desmet, Andrew Yates, Luca Soldaini, Sean MacAvaney and Nazli Goharian
- Automatically Extracting Qualia Relations for the Rich Event Ontology. Ghazaleh Kazeminejad, Claire Bonial, Susan Windisch Brown and Martha Palmer
- What represents “style” in authorship attribution?. Kalaivani Sundararajan and Damon Woodard
- SeVeN: Augmenting Word Embeddings with Unsupervised Relation Vectors. Luis Espinosa Anke and Steven Schockaert
- GenSense: A Generalized Sense Retrofitting Model. Yang-Yin Lee, Ting-Yu Yen, Hen-Hsen Huang, Yow-Ting Shiue and Hsin-Hsi Chen
- A Multi-Attention based Neural Network with External Knowledge for Story Ending Predicting Task. Qian Li, Ziwei Li, Jin-Mao Wei, Yanhui Gu, Adam Jatowt and Zhenglu Yang
- Abstract Meaning Representation for Multi-Document Summarization. Kexin Liao, Logan Lebanoff and Fei Liu
- Cooperative Denoising for Distantly Supervised Relation Extraction. Kai Lei, Daoyuan Chen, Yaliang Li, Nan Du, Min Yang, Wei Fan and Ying Shen
- Dialogue Act Driven Conversation Model: An Experimental Study. Harshit Kumar, Arvind Agarwal and Sachindra Joshi
- Dynamic Multi-Level, Multi-Task Learning for Sentence Simplification. Han Guo, Ramakanth Pasunuru and Mohit Bansal
- A Knowledge-Augmented Neural Network Model for Implicit Discourse Relation Classification. Yudai Kishimoto, Yugo Murawaki and Sadao Kurohashi
- **Abstractive Multi-Document Summarization using Paraphrastic Sentence Fusion.** **Mir Tafseer Nayeem**, Tanvir Ahmed Fuad and Yllias Chali
- They Exist! Introducing Plural Mentions to Coreference Resolution and Entity Linking. Ethan Zhou and Jinho D. Choi
- A Comparison of Transformer and Recurrent Neural Networks on Multilingual NMT. Surafel Melaku Lakew, Mauro Cettolo and Marcello Federico
- Expressively vulgar: The socio-dynamics of vulgarity and its effects on sentiment analysis in social media. Isabel Cachola, Eric Holgate, Daniel Preotjuc-Pietro and Junyi Jessy Li
- On Adversarial Examples for Character-Level Neural Machine Translation. Javid Ebrahimi, Daniel Lowd and Dejing Dou
- Neural Transition-based String Transduction for Limited-Resource Setting in Morphology. Peter Makarov and Simon Clematide
- Structured Dialogue Policy with Graph Neural Networks. Lu Chen, Bowen Tan, Sishan Long and Kai Yu

We would like to recognise with exceptional thanks our [best paper committee](#).