

COLING 2022

October 12 – 17, 2022 / Gyeongju, Republic of Korea
The 29th International Conference on Computational Linguistics

Virtual Poster Session 3	
Date	Day 4. Saturday 15 Oct.
Time	08:00 – 09:00
Place	Gather Town
Session Chair	Virtual Room 1: Marc Verhagen Virtual Room 2: Peter Anick Virtual Room 3: Zhongqing Wang

Measuring Morphological Fusion using Partial Information Decomposition

Michaela Socolof, Jacob Louis Hoover, Richard Futrell, Alessandro Sordani and Timothy J. O'Donnell

Gestures Are Used Rationally: Information Theoretic Evidence from Neural Sequential Models

Yang Xu, Yang Cheng and Riya Bhatia

LIME: Weakly-Supervised Text Classification Without Seeds

Seongmin Park and Jihwa Lee

Keypphrase Prediction from Video Transcripts: New Dataset and Directions Amir

Pouran Ben Veyseh, Quan Hung Tran, Seunghyun Yoon, Varun Manjunatha, Hanieh Deilamsalehy, Rajiv Jain, Trung Bui, Walter W. Chang, Franck Dernoncourt and Thien Huu Nguyen

Event Extraction in Video Transcripts

Amir Pouran Ben Veyseh, Viet Dac Lai, Franck Dernoncourt and Thien Huu Nguyen

GRAVL-BERT: Graphical Visual-Linguistic Representations for Multimodal Coreference Resolution

Danfeng Guo, Arpit Gupta, Sanchit Agarwal, Jiun-Yu Kao, Shuyang Gao, Arijit Biswas, Chien-Wei Lin, Tagyoung Chung and Mohit Bansal

Towards Enhancing Health Coaching Dialogue in Low-Resource Settings

Yue Zhou, Barbara Di Eugenio, Brian Ziebart, Lisa Sharp, Bing Liu, Ben Gerber, Nikolaos Agadacos and Shweta Yadav

Joint Goal Segmentation and Goal Success Prediction on Multi-Domain Conversations

Meiguo Wang, Benjamin Yao, Bin Guo, Xiaohu Liu, Yu Zhang, Tuan-Hung Pham and Chenlei Guo

A Personalized Dialogue Generator with Implicit User Persona Detection

Itsugun Cho, Dongyang Wang, Ryota Takahashi and Hiroaki Saito

A Survey in Automatic Irony Processing: Linguistic, Cognitive, and Multi-X Perspectives

Qingcheng Zeng and An-Ran Li

The Role of Context and Uncertainty in Shallow Discourse Parsing

Katherine Atwell, Remi Choi, Junyi Jessy Li and Malihe Alikhani

Dialo-AP: A Dependency Parsing Based Argument Parser for Dialogues

Sougata Saha, Souvik Das and Rohini Srihari

A Distance-Aware Multi-Task Framework for Conversational Discourse Parsing

Yaxin Fan, Peifeng Li, Fang Kong and Qiaoming Zhu

[DEMO] Addressing Limitations of Encoder-Decoder Based Approach to Text-to-SQL

Octavian Popescu, Irene Manotas, Hangu Yeo, Elahe Khorashani, Ngoc An Vo and Vadim Sheinin

Domain Adaptation for Question Answering via Question Classification

Zhenrui Yue, Huimin Zeng, Ziyi Kou, Lanyu Shang and Dong Wang

Semantic Structure based Query Graph Prediction for Question Answering over Knowledge Graph

Mingchen Li and Shihao Ji

Hierarchical Representation-based Dynamic Reasoning Network for Biomedical Question Answering

Jianguo Mao, Jiyuan Zhang, Zengfeng Zeng, Weihua Peng, Wenbin Jiang, Xiangdong Wang, Hong Liu and Yajuan Lyu

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[DEMO] DABERT: Dual Attention Enhanced BERT for Semantic Matching

Sirui Wang, Di Liang, Jian Song, Yuntao Li and Wei Wu

Incremental Prompting: Episodic Memory Prompt for Lifelong Event Detection

Minqian Liu, Shiyu Chang and Lifu Huang

Document-Level Relation Extraction via Pair-Aware and Entity-Enhanced Representation Learning

Xiusheng Huang, Hang Yang, Yubo Chen, Jun Zhao, Kang Liu, Weijian Sun and Zuyu Zhao

Cluster-aware Pseudo-Labeling for Supervised Open Relation Extraction

Bin Duan, Shusen Wang, Xingxian Liu and Yajing Xu

Summarizing Patients' Problems from Hospital Progress Notes Using Pre-trained Sequence-to-Sequence Models

Yanjun Gao, Dmitriy Dligach, Timothy A. Miller, Dongfang Xu, Matthew M. Churpek and Majid Afshar

[DEMO] Medical Question Understanding and Answering with Knowledge Grounding and Semantic Self-Supervision

Khalil Mrini, Harpreet Singh, Franck Démoncourt, Seunghyun Yoon, Trung Bui, Walter W. Chang, Emilia Farcas and Ndapa Nakashole

Combining Compressions for Multiplicative Size Scaling on Natural Language

Tasks Rajiv Movva, Jinhao Lei, Shayne Longpre, Ajay Gupta and Chris DuBois

HG2Vec: Improved Word Embeddings from Dictionary and Thesaurus Based Heterogeneous Graph

Qitong Wang and Mohammed J Zaki

[DEMO] CLOWER: A Pre-trained Language Model with Contrastive Learning over Word and Character Representations

Borun Chen, Hongyin Tang, Jiahao Bu, Kai Zhang, Jingang Wang, Qifan Wang, Haitao Zheng, Wei Wu and Liqian Yu

CogBERT: Cognition-Guided Pre-trained Language Models

Xiao Ding, Bowen Chen, Li Du, Bing Qin and Ting Liu

Accounting for Language Effect in the Evaluation of Cross-lingual AMR Parsers

Shira Wein and Nathan Schneider

Extracting a Knowledge Base of COVID-19 Events from Social Media

Shi Zong, Ashutosh Baheti, Wei Xu and Alan Ritter

TestAug: A Framework for Augmenting Capability-based NLP Tests

Guanqun Yang, Mirazul Haque, Qiaochu Song, Wei Yang and Xueqing Liu

Benchmarking Automated Clinical Language Simplification: Dataset, Algorithm, and Evaluation

Junyu Luo, Junxian Lin, Chi Lin, Cao Xiao, Xinning Gui and Fenglong Ma

MACRONYM: A Large-Scale Dataset for Multilingual and Multi-Domain Acronym Extraction

Amir Pouran Ben Veyseh, Nicole Meister, Seunghyun Yoon, Rajiv Jain, Franck Démoncourt and Thien Huu Nguyen

Evaluating the Performance of Transformer-based Language Models for Neuroatypical Language

Duanchen Liu, Zoey Liu, Qingyun Yang, Yujing Huang and Emily Prud'hommeaux

Resource of Wikipedias in 31 Languages Categorized into Fine-Grained Named Entities

Satoshi Sekine, Kouta Nakayama, Masako Nomoto, Maya Ando, Asuka Sumida and Koji Matsuda

CCTC: A Cross-Sentence Chinese Text Correction Dataset for Native Speakers

Baoxin Wang, Xingyi Duan, dayong wu, Wanxiang Che, Zhigang Chen and Guoping Hu

RealMedDial: A Real Telemedical Dialogue Dataset Collected from Online Chinese Short-Video Clips

Bo Xu, Hongtong Zhang, Jian Wang, Xiaokun Zhang, Dezhi Hao, Linlin Zong, Hongfei LIN and Fenglong Ma

CINO: A Chinese Minority Pre-trained Language Model

Ziqing Yang, Zihang Xu, Yiming Cui, Baoxin Wang, Lin Min, dayong wu and Zhigang Chen

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Assessing Digital Language Support on a Global Scale

Gary F. Simons, Abbey L. Thomas and Chad K. White

WordNet-QU: Development of a Lexical Database for Quechua Varieties

Nelsi Melgarejo, Rodolfo Zevallos, John Ortega and Hector Gomez

Towards Multi-Sense Cross-Lingual Alignment of Contextual Embeddings

Linlin Liu, Thien Hai Nguyen, Shafiq Joty, Lidong Bing and Luo Si

GraDA: Graph Generative Data Augmentation for Commonsense Reasoning

Adyasha Maharana and Mohit Bansal

Token and Head Adaptive Transformers for Efficient Natural Language Processing

Chonghan Lee, Md Fahim Faysal Khan, Rita Brugarolas Brufau, Ke Ding and Vijaykrishnan Narayanan

Sentence-aware Adversarial Meta-Learning for Few-Shot Text Classification

Suhe Wang, Xiaoyuan Liu, Bo Liu and Diwen Dong

Coarse-to-Fine: Hierarchical Multi-task Learning for Natural Language Understanding

Zhaoye Fei, Yu Tian, Yongkang Wu, Xinyu Zhang, Yutao Zhu, Zheng Liu, Jiawen Wu, Dejiang Kong, Ruofei Lai, Zhao Cao, Zhicheng Dou and Xipeng Qiu

OpticE: A Coherence Theory-Based Model for Link Prediction

Xiangyu Gui, Feng Zhao, Langjunqing Jin and Hai Jin

Adaptive Meta-learner via Gradient Similarity for Few-shot Text Classification

Tianyi Lei, Honghui Hu, Qiaoyang Luo, Dezhong Peng and Xu Wang

Dynamic Position Encoding for Transformers Joyce Y. Zheng, Mehdi

Rezagholizadeh and Peyman Passban

FeatureBART: Feature Based Sequence-to-Sequence Pre-Training for Low-Resource NMT

Abhisek Chakrabarty, Raj Dabre, Chenchen Ding, Hideki Tanaka, Masao Utiyama and Eiichiro Sumita

Iterative Constrained Back-Translation for Unsupervised Domain Adaptation of Machine Translation

Hongxiao Zhang, Hui Huang, Jiale Gao, Yufeng Chen, Jinan Xu and Jian Liu

Improving Non-Autoregressive Neural Machine Translation via Modeling Localness

Yong Wang and Xinwei Geng

Enhancing Structure-aware Encoder with Extremely Limited Data for Graph-based Dependency Parsing

Yuanhe Tian, Yan Song and Fei Xia

Iterative Span Selection: Self-Emergence of Resolving Orders in Semantic Role Labeling

Shuhe Kurita, Hiroki Ouchi, Kentaro Inui and Satoshi Sekine

Speaker-Aware Discourse Parsing on Multi-Party Dialogues

Nan Yu, Guohong Fu and Min Zhang

Visual Prompt Tuning for Few-Shot Text Classification

Jingyuan Wen, Yutian Luo, Nanyi Fei, Guoxing Yang, Zhiwu Lu, Hao Jiang, Jie Jiang and Zhao Cao

Overcoming Language Priors in Visual Question Answering via Distinguishing Superficially Similar Instances

Yike Wu, Yu Zhao, Shiwan Zhao, Ying Zhang, Xiaojie Yuan, Guoqing Zhao and Ning Jiang

[DEMO] PoliSe: Reinforcing Politeness using User Sentiment for Customer Care Response Generation

Mauajama Firdaus, Asif Ekbal and Pushpak Bhattacharyya

Generation of Patient After-Visit Summaries to Support Physicians

Pengshan Cai, Fei Liu, Adarsha Bajracharya, Joe Sills, Alok Kapoor, Weisong Liu, Dan Berlowitz, David Levy, Richeek Pradhan and Hong Yu

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Chinese Couplet Generation with Syntactic Information

Yan Song

Text Simplification of College Admissions Instructions: A Professionally Simplified and Verified Corpus

Zachary W. Taylor, Maximus H. Chu and Junyi Jessy Li

PINEAPPLE: Personifying INanimate Entities by Acquiring Parallel Personification data for Learning Enhanced Generation

Sedrick Scott Keh, Kevin Lu, Varun Gangal, Steven Y. Feng, Harsh Jhamtani, Malihe Alikhani and Eduard Hovy

ALEXSIS-PT: A New Resource for Portuguese Lexical Simplification

Kai North, Marcos Zampieri and Tharindu Ranasinghe

Summarize, Outline, and Elaborate: Long-Text Generation via Hierarchical Supervision from Extractive Summaries

Xiaofei Sun, Zijun Sun, Yuxian Meng, Jiwei Li and Chun Fan

View Dialogue in 2D: A Two-stream Model in Time-speaker Perspective for Dialogue Summarization and Beyond

Keli Xie, Dongchen He, Jiaxin Zhuang, Siyuan Lu and Zhongfeng Wang

Noise-injected Consistency Training and Entropy-constrained Pseudo Labeling for Semi-supervised Extractive Summarization

Yiming Wang, Qianren Mao, Junnan Liu, Weifeng Jiang, Hongdong Zhu and Jianxin Li

Unsupervised Data Augmentation for Aspect Based Sentiment Analysis

David Z. Chen, Adam Faulkner and Sahil Badyal

CommunityLM: Probing Partisan Worldviews from Language Models

Hang Jiang, Doug Beeferman, Brandon Roy and Deb Roy

Modeling Aspect Correlation for Aspect-based Sentiment Analysis via Recurrent Inverse Learning Guidance

Longfeng Li, Haifeng Sun, Qi Qi, Jingyu Wang, Jing Wang and Jianxin Liao

One-Teacher and Multiple-Student Knowledge Distillation on Sentiment Classification

Xiaoqin Chang, Sophia Yat Mei Lee, Suyang Zhu, Shoushan Li and Guodong Zhou

Joint Alignment of Multi-Task Feature and Label Spaces for Emotion Cause Pair Extraction

Shunjie Chen, Xiaochuan Shi, Jingye Li, Shengqiong Wu, Hao Fei, Fei Li and Donghong Ji

Causal Intervention Improves Implicit Sentiment Analysis

Siyin Wang, Jie Zhou, Changzhi Sun, Junjie Ye, Tao Gui, Qi Zhang and Xuanjing Huang

A Multi-turn Machine Reading Comprehension Framework with Rethink Mechanism for Emotion-Cause Pair Extraction

Changzhi Zhou, Dandan Song, Jing Xu and Zhijing Wu

Locally Distributed Activation Vectors for Guided Feature Attribution

Housam Khalifa Bashier, Mi-Young Kim and Randy Goebel

Language-Independent Approach for Morphological Disambiguation

Alymzhan Toleu, Gulmira Tolegen and Rustam Mussabayev