

COLING 2022

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

Virtual Poster Session 2	
Date	Day 2. Thursday 13 Oct.
Time	18:00 – 19:00 KST 11:00 - 12:00 CEST 05:00 - 06:00 EDT
Place	Gather Town
Session Chair	Virtual Room 1: Luis Espinosa Anke Virtual Room 2: Alex Shvets

TAKE: Topic-shift Aware Knowledge sElection for Dialogue Generation

Chenxu Yang, Zheng Lin, Jiangnan Li, Fandong Meng, Weiping Wang, Lanrui Wang and Jie Zhou

Pan More Gold from the Sand: Refining Open-domain Dialogue Training with Noisy Self-Retrieval Generation

Yihe Wang, Yitong Li, Yasheng Wang, Fei Mi, Pingyi Zhou, Xin Wang, Jin Liu, Xin Jiang and Qun Liu

Continual Few-shot Intent Detection

Guodun Li, Yuchen Zhai, Qianglong Chen, GAO XING, Ji Zhang and Yin Zhang

Incorporating Casual Analysis into Diversified and Logical Response Generation

Jiayi Liu, Wei Wei, zhixuan chu, Xing Gao, Ji Zhang, Tan Yan and Yulin Kang

Towards Multi-label Unknown Intent Detection

Yawen Ouyang, Zhen Wu, Xinyu Dai, Shujian Huang and Jiajun CHEN

Distribution Calibration for Out-of-Domain Detection with Bayesian Approximation

Yanan Wu, Zhiyuan Zeng, Keqing He, Yutao Mou, Pei Wang and Weiran Xu

CoHS-CQG: Context and History Selection for Conversational Question Generation

Xuan Long Do, Bowei Zou, Liangming Pan, Nancy Chen, Shafiq Joty and Ai Ti Aw

Unsupervised Question Answering via Answer Diversifying

Yuxiang Nie, Heyan Huang, Zewen Chi and Xian-Ling Mao

CORN: Co-Reasoning Network for Commonsense Question Answering

Xin Guan, Biwei Cao, Qingqing Gao, Zheng Yin, Bo Liu and Jiuxin Cao

Modeling Hierarchical Reasoning Chains by Linking Discourse Units and Key Phrases for Reading Comprehension

Jialin Chen, Zhuosheng Zhang and Hai Zhao

Original Content Is All You Need! An Empirical Study on Leveraging Answer Summary for WikiHowQA Answer Selection Task

Liang Wen, Juan Li, Houfeng Wang, Yingwei Luo, Xiaolin Wang, Xiaodong Zhang, zhicong cheng and Dawei Yin

Reducing Spurious Correlations for Answer Selection by Feature Decorrelation and Language Debiasing

Zeyi Zhong, Min Yang and Ruifeng Xu

Less is Better: Recovering Intended-Feature Subspace to Robustify NLU Models

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Ting Wu and Tao Gui

IMCI: Integrate Multi-view Contextual Information for Fact Extraction and Verification

Hao Wang, Yangguang Li, Zhen Huang and Yong Dou

To What Extent Do Natural Language Understanding Datasets Correlate to Logical Reasoning? A Method for Diagnosing Logical Reasoning

Yitian Li, Jidong Tian, Wenqing Chen, Caoyun Fan, Hao He and Yaohui Jin

A Simple Model for Distantly Supervised Relation Extraction

Ziqin Rao, Fangxiang Feng, Ruifan Li and Xiaojie WANG

Prompt-based Text Entailment for Low-Resource Named Entity Recognition

Dongfang Li, Baotian Hu and Qingcai Chen

Unregulated Chinese-to-English Data Expansion Does NOT Work for Neural Event Detection

Zhongqiu Li, Yu Hong, Jie Wang, Shiming He, Jianmin Yao and Guodong Zhou

Dependency-aware Prototype Learning for Few-shot Relation Classification

Tianshu Yu, Min Yang and Xiaoyan Zhao

Domain-Specific NER via Retrieving Correlated Samples

Xin Zhang, Yong Jiang, Xiaobin Wang, Xuming Hu, Yueheng Sun, Pengjun Xie and Meishan Zhang

A Two Stage Adaptation Framework for Frame Detection via Prompt Learning

Xinyi Mou, Zhongyu Wei, Changjian Jiang and Jiajie Peng

[DEMO] A Progressive Framework for Role-Aware Rumor Resolution

Lei Chen, Guanying Li, Zhongyu Wei, Yang Yang, Baohua Zhou, Qi Zhang and Xuanjing Huang

Automatic ICD coding exploiting discourse structure and reconciled code embeddings

Shurui Zhang, Bozheng Zhang, Fuxin Zhang, Bo Sang and Wanchun Yang

Augmenting Legal Judgment Prediction with Contrastive Case Relations

Dugang Liu, Weihao Du, Lei Li, Weike Pan and Zhong Ming

MCS: An In-battle Commentary System for MOBA Games

Xiaofeng Qi, Chao Li, Zhongping Liang, Jigang Liu, Cheng Zhang, Yuanxin Wei, Lin Yuan, Guang Yang, Lanxiao Huang and Min Li

CXR data annotation and classification with pre-trained language models

Nina Zhou, Ai Ti Aw, zhuo han Liu, Cher heng Tan, Yonghan Ting, wen xiang chen and Jordan sim zheng Ting

MetaPrompting: Learning to Learn Better Prompts

Yutai Hou, Hongyuan Dong, Xinghao Wang, Bohan Li and Wanxiang Che

Pre-trained Token-replaced Detection Model as Few-shot Learner

Zicheng Li, Shoushan Li and Guodong Zhou

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Transferring Knowledge from Structure-aware Self-attention Language Model to Sequence-to-Sequence Semantic Parsing

Ran Ji and Jianmin Ji

ViNLI: A Vietnamese Corpus for Studies on Open-Domain Natural Language Inference

Tin Van Huynh, Kiet Van Nguyen and Ngan Nguyen

LipKey: A Large-Scale News Dataset for Absent Keyphrases Generation and Abstractive Summarization

Fajri Koto, Timothy Baldwin and Jey Han Lau

Few-Shot Table Understanding: A Benchmark Dataset and Pre-Training Baseline

Ruixue Liu, Shaozu Yuan, Aijun Dai, Lei Shen, Tiangang Zhu, Meng Chen and Xiaodong He

Dynamic Nonlinear Mixup with Distance-based Sample Selection

Shaokang Zhang, Lei Jiang and Jianlong Tan

ParaZh-22M: a Large-Scale Chinese Parabank via Machine Translation

Wenjie Hao, Hongfei Xu, Deyi Xiong, Hongying Zan and Lingling Mu

CSL: A Large-scale Chinese Scientific Literature Dataset

Yudong Li, Yuqing Zhang, Zhe Zhao, Linlin Shen, Weijie Liu, Weiquan Mao and Hui Zhang

Singlish Message Paraphrasing: A Joint Task of Creole Translation and Text Normalization

Zhengyuan Liu, Shikang Ni, Ai Ti Aw and Nancy Chen

QSTS: A Question-Sensitive Text Similarity Measure for Question Generation

Sujatha Das Gollapalli and See-Kiong Ng

[DEMO] Semantic Role Labeling as Dependency Parsing: Exploring Latent Tree Structures Inside Arguments

Yu Zhang, Qingrong Xia, Shilin Zhou, Yong Jiang, Guohong Fu and Min Zhang

A Transition-based Method for Complex Question Understanding

Yu Xia, Wenbin Jiang, Yajuan Lyu and Sujian Li

Word Sense Disambiguation with Knowledge-Enhanced and Local Self-Attention-based Extractive Sense Comprehension

Guobiao Zhang, Wenpeng Lu, Xueping Peng, Shoujin Wang, Baoshuo Kan and Rui Yu

DynGL-SDP: Dynamic Graph Learning for Semantic Dependency Parsing

Bin Li, Miao Gao, Yunlong Fan, Yikemaiti Sataer, Zhiqiang Gao and Yaocheng Gui

Zero-shot Disfluency Detection for Indian Languages

Rohit Kundu, Preethi Jyothi and Pushpak Bhattacharyya

Does Meta-learning Help mBERT for Few-shot Question Generation in a Cross-lingual Transfer Setting for Indic Languages?

Aniruddha Roy, Rupak Kumar Thakur, Isha Sharma, Ashim Gupta, Amrith Krishna, Sudeshna Sarkar and Pawan Goyal

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[DEMO] A Simple and Effective Method to Improve Zero-Shot Cross-Lingual Transfer Learning

Kunbo Ding, Weijie Liu, Yuejian Fang, Weiquan Mao, Zhe Zhao, Tao Zhu, Haoyan Liu, Rong Tian and Yiren Chen

Knowledge Distillation with Reptile Meta-Learning for Pretrained Language Model Compression

Xinge Ma, Jin Wang, Liang-Chih Yu and Xuejie Zhang

RotateCT: Knowledge Graph Embedding by Rotation and Coordinate Transformation in Complex Space

Yao Dong, Lei Wang, Ji Xiang, Xiaobo Guo and Yuqiang Xie

Classical Sequence Match is a Competitive Few-Shot One-Class Learner

Mengting Hu, Hang Gao, Yin hao Bai and Mingming Liu

Noise Learning for Text Classification: A Benchmark

Bo Liu, Wandu Xu, Yuejia Xiang, Xiaojun Wu, Lejian He, Bowen Zhang and Li Zhu

PARSE: An Efficient Search Method for Black-box Adversarial Text Attacks

Pengwei Zhan, Chao Zheng, Jing Yang, Yuxiang Wang, Liming Wang, Yang Wu and Yunjian Zhang

Language Branch Gated Multilingual Neural Machine Translation

Haoran Sun and Deyi Xiong

Learning Decoupled Retrieval Representation for Nearest Neighbour Neural Machine Translation

Qiang Wang, Rongxiang Weng and Ming Chen

On the Complementarity between Pre-Training and Random-Initialization for Resource-Rich Machine Translation

Chang tong Zan, Liang Ding, Li Shen, Yu Cao, Weifeng Liu and Dacheng Tao

Alleviating the Inequality of Attention Heads for Neural Machine Translation

Zewei Sun, Shujian Huang, Xinyu Dai and Jiajun CHEN

String Editing based Chinese Grammatical Error Diagnosis

Haihua Xie, xiaoqing lv and Xuefei Chen

[DEMO] Multi-Layer Pseudo-Siamese Biaffine Model for Dependency Parsing

Ziyao Xu, Houfeng Wang and Bingdong Wang

PSSAT: A Perturbed Semantic Structure Awareness Transferring Method for Perturbation-Robust Slot Filling

Guanting Dong, Daichi Guo, Liwen Wang, Xuefeng Li, Zechen Wang, Chen Zeng, Keqing He, Jinzheng Zhao, Hao Lei, Xinyue Cui, Yi Huang, Junlan Feng and Weiran Xu

Scene Graph Modification as Incremental Structure Expanding

Xuming Hu, Zhijiang Guo, Yu Fu, Lijie Wen and Philip S. Yu

Building Joint Relationship Attention Network for Image-Text Generation

Changzhi Wang and Xiaodong Gu

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[DEMO] Learning to Focus on the Foreground for Temporal Sentence Grounding
Daizong Liu and Wei Hu

Meta-CQG: A Meta-Learning Framework for Complex Question Generation over Knowledge Bases
Kun Zhang, Yunqi Qiu, Yuanzhuo Wang, Long Bai, Xuhui Jiang, Wei Li, Huawei Shen and Xueqi Cheng

Few-shot Table-to-text Generation with Prefix-Controlled Generator
Yutao Luo, Menghua Lu, Gongshen Liu and Shilin Wang

Continuous Decomposition of Granularity for Neural Paraphrase Generation
Xiaodong Gu, Zhaowei Zhang, Sang-Woo Lee, Kang Min Yoo and Jung-Woo Ha

Multi-Attribute Controlled Text Generation with Contrastive-Generator and External-Discriminator
Guisheng Liu, Yi Li, Yanqing Guo, Xiangyang Luo and Bo Wang

[DEMO] Summarizing Dialogues with Negative Cues
Junpeng Liu, Yanyan Zou, Yuxuan Xi, Shengjie Li, Mian Ma and Zhuoye Ding

Automatic Nominalization of Clauses
John S. Y. Lee, Ho Hung Lim, Carol Louise Webster and Anton Melsner

Multi-Perspective Document Revision
Mana Ihori, Hiroshi Sato, Tomohiro Tanaka and Ryo Masumura

A Contrastive Cross-Channel Data Augmentation Framework for Aspect-Based Sentiment Analysis
Bing Wang, Liang Ding, Qihuang Zhong, Ximing Li and Dacheng Tao

Target Really Matters: Target-aware Contrastive Learning and Consistency Regularization for Few-shot Stance Detection
Rui Liu, Zheng Lin, HUIZHAN JI, Jiangnan Li, Peng Fu and Weiping Wang

LEGO-ABSA: A prompt-based task assemblable unified generative framework for multi-task Aspect-based sentiment analysis
Tianhao Gao, Jun Fang, Hanyu Liu, Zhiyuan Liu, Chao Liu, Pengzhang Liu, Yongjun Bao and Weipeng Yan

Learning from Adjective-Noun Pairs: A Knowledge-enhanced Framework for Target-Oriented Multimodal Sentiment Classification
Fei Zhao, Zhen Wu, Siyu Long, Xinyu Dai, Shujian Huang and Jiajun CHEN

A Structure-Aware Argument Encoder for Literature Discourse Analysis
Yinzi Li, Wei Chen, Zhongyu Wei, Yujun Huang, Chujun Wang, Siyuan Wang, Qi Zhang, Xuanjing Huang and Libo Wu

[DEMO] A Hierarchical Interactive Network for Joint Span-based Aspect-Sentiment Analysis
Wei Chen, Jinglong Du, Zhao Zhang, Fuzhen Zhuang and Zhongshi He

Learnable Dependency-based Double Graph Structure for Aspect-based Sentiment Analysis
Yinglong Ma and Yunhe Pang

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Domain Generalization for Text Classification with Memory-Based Supervised Contrastive Learning

Qingyu Tan, Ruidan He, Hwee Tou Ng and Lidong Bing

Grammatical Error Correction: Are We There Yet?

Muhammad Reza Qorib and Hwee Tou Ng