COLING 2022

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The 29th International Conference on Computational Linguistics

In-Person Poster Session 2 & In-person Demo Poster Session	
Date	Day 2. Thursday 13 Oct.
Time	16:30-18:00
Place	**1F, Exhibition Hall A**
Session Chair	Hyun-Je Song

[In-Person Poster Session 2]

Improving Top-K Decoding for Non-Autoregressive Semantic Parsing via Intent Conditioning
Geunseob Oh, Rahul Goel, Christopher Hidey, Shachi Paul, Aditya Gupta, Pararth Shah and Rushin Shah

Adaptive Natural Language Generation for Task-oriented Dialogue via Reinforcement Learning
Atsumoto Ohashi and Ryuichiro Higashinaka

Using Multi-Encoder Fusion Strategies to Improve Personalized Response Selection
Souvik Das, Sougata Saha and Rohini Srihari

A Multi-Dimensional, Cross-Domain and Hierarchy-Aware Neural Architecture for ISO-Standard Dialogue Act Tagging
Stefano Mezza, Wayne Wobcke and Alan D. Blair

Open-Domain Dialog Evaluation using Follow-Ups Likelihood Maxime
De Bruyn, Ehsan Lotfi, Jeska Buhmann and Walter Daelemans

Schema Encoding for Transferable Dialogue State Tracking
Hyunmin Jeon and Gary Geunbae Lee

CorefDiffs: Co-referential and Differential Knowledge Flow in Document Grounded Conversations
Lin Xu, Qixian Zhou, Jinlan Fu, Min-Yen Kan and See-Kiong Ng

Target-Guided Open-Domain Conversation Planning
Yosuke Kishinami, Reina Akama, Shiki Sato, Ryoko Tokuhisa, Jun Suzuki and Kentaro Inui

Does GPT-3 Generate Empathetic Dialogues? A Novel In-Context Example Selection Method and Automatic Evaluation Metric for Empathetic Dialogue Generation
Young-Jun Lee, Chae-Gyun Lim and Ho-Jin Choi

CONCRETE: Improving Cross-lingual Fact-checking with Cross-lingual Retrieval
Kung-Hsiang Huang, ChengXiang Zhai and Heng Ji

Dense Template Retrieval for Customer Support
Tiago Manuel Mesquita, Mariana Almeida and Bruno Martins

Learning to Generate Explanation from e-Hospital Services for Medical Suggestion
Wei-Lin Chen, An-Zi Yen, Hen-Hsen Huang and Hsin-Hsi Chen

CLoSE: Contrastive Learning of Subframe Embeddings for Political Bias Classification of News Media
Michelle YoungJin Kim and Kristen Johnson

Constrained Regeneration for Cross-Lingual Query-Focused Extractive Summarization
Elsbeth Turcan, David Wan, Faisal Ladhak, Petra Galuscakova, Sukanta Sen, Svetlana Tchistiakova, Weijia Xu, Marine Carpuat, Kenneth Heafield, Douglas Oard and Kathleen McKeown

A Study of Implicit Bias in Pretrained Language Models against People with Disabilities
Pranav Narayanan Venkit, Mukund Srinath and Shomir Wilson

NSP-BERT: A Prompt-based Few-Shot Learner Through an Original Pre-training Task —— Next Sentence Prediction
Yi Sun, Yu Zheng, Chao Hao and Hangping Qiu

Generic Overgeneralization in Pre-trained Language Models
Sello Ralethe and Jan Buys

Tales and Tropes: Gender Roles from Word Embeddings in a Century of Children's Books
Anjali Adukia, Patricia Chiril, Callista N. Christ, Anjali Das, Alex Eble, Emileigh Harrison and Hakizumwami Birali Runesha

Large Sequence Representation Learning via Multi-Stage Latent Transformers
Ionut-Catalin Sandu, Daniel Voinea and Alin-Ionut Popa

Attention Networks for Augmenting Clinical Text with Support Sets for Diagnosis Prediction
Paul Grundmann, Tom Oberhauser, Felix Alexander Gers and Alexander Loeser

MaxMatch-Dropout: Subword Regularization for WordPiece
Tatsuya Hiraoka

Reinforcement Learning with Large Action Spaces for Neural Machine Translation
Asaf Yehudai, Leshem Choshen, Lior Fox and Omri Abend

A Closer Look at Parameter Contributions When Training Neural Language and Translation Models
Raúl Vázquez, Hande Celikkanat, Vinit Ravishankar, Mathias Creutz and Jörg Tiedemann

Don't Judge a Language Model by Its Last Layer: Contrastive Learning with Layer-Wise Attention Pooling
Dongsuk Oh, Yejin Kim, Hodong Lee, H. Howie Huang and Heuiseok Lim

DoubleMix: Simple Interpolation-Based Data Augmentation for Text Classification
Hui Chen, Wei Han, Diyi Yang and Soujanya Poria

A Weak Supervision Approach for Predicting Difficulty of Technical Interview Questions
Arpita Kundu, Subhasish Ghosh, Pratik Saini, Tapas Nayak and Indrajit Bhattacharya

CitRet: A Hybrid Model for Cited Text Span Retrieval
Amit Pandey, Avani Gupta and Vikram Pudi

Where Does Linguistic Information Emerge in Neural Language Models? Measuring Gains and Contributions Across Layers
Jenny Kunz and Marco Kuhlmann

Rare but Severe Neural Machine Translation Errors Induced by Minimal Deletion: An Empirical Study on Chinese and English
Ruikang Shi, Alvin C. Grissom II and Duc Minh Trinh

QUAK: A Synthetic Quality Estimation Dataset for Korean-English Neural Machine Translation
Sugyeong Eo, Chanjun Park, Hyeonseok Moon, Jaehyung Seo, Gyeongmin Kim, Jungseob Lee and Heuiseok Lim

Adversarial Training on Disentangling Meaning and Language Representations for Unsupervised Quality Estimation
Yuto Kuroda, Tomoyuki Kajiwara, Yuki Arase and Takashi Ninomiya

A Generalized Method for Automated Multilingual Loanword Detection
Abhijnan Nath, Sina Mahdipour Saravani, Ibrahim Khalil Khebour, Sheikh Abdul Mannan, Zihui Li and Nikhil Krishnaswamy

Improving Both Domain Robustness and Domain Adaptability in Machine Translation
Wen Lai, Jindřich Libovický and Alexander Fraser

Efficient Multilingual Multi-modal Pre-training through Triple Contrastive Loss
Youhan Lee, KyungTae Lim, Woonhyuk Baek, Byungseok Roh and Saehoon Kim

How to Adapt Pre-trained Vision-and-Language Models to a Text-only Input?
Lovisa Hagström and Richard Johansson

SANCL: Multimodal Review Helpfulness Prediction with Selective Attention and Natural Contrastive Learning
Wei Han, Hui Chen, Zhen Hai, Soujanya Poria and Lidong Bing

ACT-Thor: A Controlled Benchmark for Embodied Action Understanding in Simulated Environments
Michael Hanna, Federico Pedeni, Alessandro Suglia, Alberto Testoni and Raffaella Bernardi

Towards Better Semantic Understanding of Mobile Interfaces
Srinivas Kumar Sunkara, Maria Wang, Lijuan Liu, Gilles Baechler, Yu-Chung Hsiao, Jindong Chen, Abhanshu Sharma and James W. Stout

HeterGraphLongSum: Heterogeneous Graph Neural Network with Passage Aggregation for Extractive Long Document Summarization
Phan Tuan Anh, Dung Ngoc Nguyen and Nam Khac-Hoai Bui

Denoising Large-Scale Image Captioning from Alt-text Data using Content Selection Models
Khyathi Raghavi Chandu, Piyush Sharma, Soravit Changpinyo, Ashish V. Thapliyal and Radu Soricut

Type-dependent prompt CycleQAG : Cycle consistency for Multi-hop Question Generation
Seungyeon Lee and Minho Lee

ArgLegalSumm: Improving Abstractive Summarization of Legal Documents with Argument Mining
Mohamed Elaraby and Diane Litman

Mind the Gap! Injecting Commonsense Knowledge for Abstractive Dialogue Summarization
Seungone Kim, Se June Joo, Hyungjoo Chae, Chaehyeong Kim, Seung-won Hwang and Jinyoung Yeo

Using Structured Content Plans for Fine-grained Syntactic Control in Pretrained Language Model Generation
Fei-Tzin Lee, Miguel Ballesteros, Feng Nan and Kathleen McKeown

End-to-end Dense Video Captioning as Sequence Generation

Wanrong Zhu, Bo Pang, Ashish V. Thapliyal, William Yang Wang and Radu Soricut

[In-person Demo Poster Session]

[DEMO] Quantifying Bias from Decoding Techniques in Natural Language Generation
Mayukh Das and Wolf Tilo Balke

[DEMO] Doc-GCN: Heterogeneous Graph Convolutional Networks for Document Layout Analysis
Siwen Luo, YIHAO DING, Siqu Long, Josiah Poon and Soyeon Caren Han

[DEMO] DP-Rewrite: Towards Reproducibility and Transparency in Differentially Private Text Rewriting
Timour Igamberdiev, Thomas Arnold and Ivan Habernal

[DEMO] LayerConnect: Hypernetwork-Assisted Inter-Layer Connector to Enhance Parameter Efficiency
Haoxiang Shi, Rongsheng Zhang, Jiaan Wang, CEN WANG, Yinhe Zheng and Tetsuya Sakai