



AI Research

Accepted Papers / EMNLP 2020

ACCEPTED LONG PAPERS

Universal Natural Language Processing with Limited Annotations: Try Few-shot Textual Entailment as a Start ***

Wenpeng Yin, Nazneen Fatema Rajani, Dragomir Radev, Richard Socher, Caiming Xiong

TOD-BERT: Pre-trained Natural Language Understanding for Task-Oriented Dialogue ***

Chien-Sheng Wu, Steven C.H. Hoi, Richard Socher, Caiming Xiong

Evaluating the Factual Consistency of Abstractive Text Summarization ***

Wojciech Kryscinski, Bryan McCann, Caiming Xiong, Richard Socher

Probing Task-Oriented Dialogue Representation from Language Models

Chien-Sheng Wu, Caiming Xiong

Mind Your Inflections! Improving NLP for Non-Standard Englishes with Base-Inflection Encoding

Samson Tan, Shafiq Joty, Lav R. Varshney, Min-Yen Kan

Response Selection for Multi-Party Conversations with Dynamic Topic Tracking

Weishi Wang, Shafiq Joty, Steven C.H. Hoi

VD-BERT: A Unified Vision and Dialog Transformer with BERT

Yue Wang (Research Intern), Shafiq Joty, Michael R. Lyu, Irwin King, Caiming Xiong, Steven C.H. Hoi

Discern: Discourse-Aware Entailment Reasoning Network for Conversational Machine Reading

Yifan Gao (Research Intern), Chien-Sheng Wu, Jingjing Li, Shafiq Joty, Steven C.H. Hoi, Caiming Xiong, Irwin King, Michael Lyu

BiST: Bi-directional Spatio-Temporal Reasoning for Video-Grounded Dialogues

Hung Le (Research Intern), Doyen Sahoo, Nancy Chen, Steven C.H. Hoi

UniConv: A Unified Conversational Neural Architecture for Multi-domain Task-oriented Dialogues

Hung Le (Research Intern), Doyen Sahoo, Chenghao Liu, Nancy Chen, Steven C.H. Hoi

Discriminative Nearest Neighbor Few-Shot Intent Detection by Transferring Natural Language Inference

Jianguo Zhang (Research Intern), Kazuma Hashimoto, Wenhao Liu, Chien-Sheng Wu, Yao Wan, Philip Yu, Richard Socher, Caiming Xiong

ACCEPTED SHORT PAPERS

The Thieves on Sesame Street are Polyglots: Extracting Multilingual Models from Monolingual APIs

Nitish Shirish Keskar, Bryan McCann, Caiming Xiong, Richard Socher

Simple Data Augmentation with the Mask Token Improves Domain Adaptation for Dialog Act Tagging

Semih Yavuz, Kazuma Hashimoto, Wenhao Liu, Nitish Shirish Keskar, Richard Socher, Caiming Xiong

ACCEPTED LONG PAPERS-FINDINGS

Bridging Textual and Tabular Data for Cross-Domain Text-to-SQL Semantic Parsing

Victoria Lin, Richard Socher, Caiming Xiong

Improving Limited Labeled Dialogue State Tracking with Self-Supervision

Chien-Sheng Wu, Steven C.H. Hoi, Caiming Xiong

Composed Variational Natural Language Generation for Few-shot Intents

Congying Xia, Caiming Xiong, Philip Yu, Richard Socher

ORGANIZED WORKSHOP

IntEx-SemPar: 1st Workshop on Interactive and Executable Semantic Parsing

Ben Bogin, Srinivasan Iyer, Victoria Lin, Alane Suhr, Panupong Pasupat, Pengcheng Yin, Tao Yu, Rui Zhang, Victor Zhong, Dragomir Radev, Caiming Xiong

