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Deep Learning Inside Out (DeeLIO)

Knowledge Extraction and Integration for

Deep Learning Architectures

Workshop@ACL 2022 - May, 27

Workshop Schedule

The workshop starts at 9:20am local time (IST, UTC/GMT +1).

All times in the schedule below are in local time (IST, UTC/GMT +1).

9:20 am Opening remarks (Chair: Eneko Agirre)

9:30 am Keynote 1: <u>Tal Linzen</u> (Chair: Eneko Agirre)

10:30 am Coffee Break

11:00 am On-site Poster Session (Chair: Eneko Agirre)

Cross-lingual Semantic Role Labelling with the ValPaL Database Knowledge
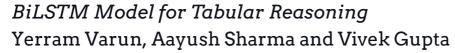Chinmay Choudhary and Colm O'Riordan

How Do Transformer-Architecture Models Address Polysemy of Korean Adverbial Postpositions?
Seongmin Mun and Guillaume Desagulier

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Trans-KBLSTM: An External Knowledge Enhanced Transformer

BiLSTM Model for Tabular Reasoning
Yerram Varun, Aayush Sharma and Vivek Gupta

On Masked Language Models for Contextual Link Prediction
Angus Brayne, Maciej Wiatrak and Dane Corneil

12:30 pm Lunch

14:00 pm Virtual Poster session (Chair: Marianna Apidianaki)

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Query Generation with External Knowledge for Dense Retrieval
Sukmin Cho, Soyeong Jeong, Wonsuk Yang and Jong C. Park

Uncovering Values: Detecting Latent Moral Content from Natural Language with Explainable and Non-Trained Methods
Luigi Asprino, Luana Bulla, Stefano De Giorgis, Aldo Gangemi, Ludovica Marinucci and Misael Mongiovi

Jointly Identifying and Fixing Inconsistent Readings from Information Extraction Systems
Ankur Padia, Francis Ferraro and Tim Finin

KIQA: Knowledge-Infused Question Answering Model for Financial Table-Text Data
Rungsiman Nararatwong, Natthawut Kertkeidkachorn and Ryutaro Ichise

Trans-KBLSTM: An External Knowledge Enhanced Transformer BiLSTM Model for Tabular Reasoning
Yerram Varun, Aayush Sharma and Vivek Gupta

Fast Few-shot Debugging for NLU Test Suites

Christopher Malon, Kai Li and Erik Kruus

On Masked Language Models for Contextual Link Prediction
Angus Brayne, Maciej Wiatrak and Dane Corneil

What Makes Good In-Context Examples for GPT-3?
Jiachang Liu, Dinghan Shen, Yizhe Zhang, Bill Dolan, Lawrence Carin and Weizhu Chen

15:00 pm Coffee Break

15:30 pm Keynote 2: Yejin Choi (Chair: Ivan Vulić)

16:30 pm Short Break

16:40 pm Keynote 3: Allyson Ettinger (Chair: Ivan Vulić)

17:40 pm Closing remarks (Chair: Ivan Vulić)