Day at a Glance — Saturday, September 9

Track E
Odense

emnlp2017
Copenhagen, Denmark

13:40–15:20 Session 2E: Poster Session. Machine Learning 1, Room: Odense, Chair: Pontus Stenetorp, University College London

Reporting Score Distributions Makes a Difference: Performance Study of LSTM-networks for Sequence Tagging
Nils Reimers, Iryna Gurevych

Learning What's Easy: Fully Differentiable Neural Easy-First Taggers
André F. T. Martins, Julia Kreutzer

Incremental Skip-gram Model with Negative Sampling
Nobuhiro Kaji, Hayato Kobayashi

Learning to select data for transfer learning with Bayesian Optimization
Sebastian Ruder, Barbara Plank

Unsupervised Pretraining for Sequence to Sequence Learning
Prajit Ramachandran, Peter Liu, Quoc Le

Efficient Attention using a Fixed-Size Memory Representation
Denny Britz, Melody Guan, Minh-Thang Luong

Rotated Word Vector Representations and their Interpretability
Sungjoon Park, JinYeong Bak, Alice Oh

A causal framework for explaining the predictions of black-box sequence-to-sequence models
David Alvarez-Melis, Tommi Jaakkola

Piecewise Latent Variables for Neural Variational Text Processing
Iulian Vlad Serban, Alexander G. Ororbia, Joelle Pineau, Aaron Courville

Learning the Structure of Variable-Order CRFs: a finite-state perspective
Thomas Lavergne, François Yvon

Sparse Communication for Distributed Gradient Descent
Alham Fikri Aji, Kenneth Heafield

A Joint Many-Task Model: Growing a Neural Network for Multiple NLP Tasks
Kazuma Hashimoto, caiming xiong, Yoshimasa Tsuruoka, Richard Socher

Why ADAGRAD Fails for Online Topic Modeling
You Lu, Jeffrey Lund, Jordan Boyd-Graber

15:50–17:30 Session 3E: Poster Session. Question Answering and Machine Comprehension, Room: Odense, Chair: Jay Pujara, University of Maryland

From Textbooks to Knowledge: A Case Study in Harvesting Axiomatic Knowledge from Textbooks to Solve Geometry Problems
Mrinmaya Sachan, Kumar Dubey, Eric Xing

RACE: Large-scale ReAding Comprehension Dataset From Examinations
Guokun Lai, Qizhe Xie, Hanxiao Liu, Yiming Yang, Eduard Hovy

Beyond Sentential Semantic Parsing: Tackling the Math SAT with a Cascade of Tree Transducers
Mark Hopkins, Cristian Petrescu-Prahova, Roie Levin, Ronan Le Bras, Alvaro Herrasti, Vidur Joshi

Learning Fine-Grained Expressions to Solve Math Word Problems
Danqing Huang, Shuming Shi, Chin-Yew Lin, Jian Yin

Structural Embedding of Syntactic Trees for Machine Comprehension
Rui Liu, Junjie Hu, Wei Wei, Zi Yang, Eric Nyberg

World Knowledge for Reading Comprehension: Rare Entity Prediction with Hierarchical LSTMs Using External Descriptions
Teng Long, Emmanuel Bengio, Ryan Lowe, Jackie Chi Kit Cheung, Doina Precup

Two-Stage Synthesis Networks for Transfer Learning in Machine Comprehension
David Golub, Po-Sen Huang, Xiaodong He, Li Deng

Deep Neural Solver for Math Word Problems
Yan Wang, Xiaojiang Liu, Shuming Shi

Latent Space Embedding for Retrieval in Question-Answer Archives
Deepak P, Dinesh Garg, Shirish Shevade

Question Generation for Question Answering
Nan Duan, Duyu Tang, Peng Chen, Ming Zhou

Learning to Paraphrase for Question Answering
Li Dong, Jonathan Mallinson, Siva Reddy, Mirella Lapata

Temporal Information Extraction for Question Answering Using Syntactic Dependencies in an LSTM-based Architecture
Yuanliang Meng, Anna Rumshisky, Alexey Romanov

Ranking Kernels for Structures and Embeddings: A Hybrid Preference and Classification Model
Kateryna Tymoshenko, Daniele Bonadiman, Alessandro Moschitti

Recovering Question Answering Errors via Query Revision
Semih Yavuz, Izzeddin Gur, Yu Su, Xifeng Yan