
Day at a Glance — Sunday, September 10

Track F Copenhagen



Copenhagen, Denmark

10:30–12:10 Session 4F: Poster Session. Machine Translation and Multilingual NLP 1, Room: Copenhagen, Chair: Anahita Mansouri Bigvand, Simon Fraser University

Neural Lattice-to-Sequence Models for Uncertain Inputs

Matthias Sperber, Graham Neubig, Jan Niehues, Alex Waibel

Memory-augmented Neural Machine Translation

Yang Feng, Shiyue Zhang, Andi Zhang, Dong Wang, Andrew Abel

Dynamic Data Selection for Neural Machine Translation

Marlies van der Wees, Arianna Bisazza, Christof Monz

Neural Machine Translation Leveraging Phrase-based Models in a Hybrid Search

Leonard Dahlmann, Evgeny Matusov, Pavel Petrushkov, Shahram Khadivi

Translating Phrases in Neural Machine Translation

Xing Wang, Zhaopeng Tu, Deyi Xiong, Min Zhang

Towards Bidirectional Hierarchical Representations for Attention-based Neural Machine Translation

Baosong Yang, Derek F. Wong, Tong Xiao, Lidia S. Chao, Jingbo Zhu

Exploring Hyperparameter Sensitivity in Neural Machine Translation Architectures

Denny Britz, Anna Goldie, Minh-Thang Luong, Quoc Le

Learning Translations via Matrix Completion

Derry Tanti Wijaya, Brendan Callahan, John Hewitt, Jie Gao, Xiao Ling, Marianna Apidianaki, Chris Callison-Burch

Reinforcement Learning for Bandit Neural Machine Translation with Simulated Human Feedback

Khanh Nguyen, Hal Daumé III, Jordan Boyd-Graber

Towards Compact and Fast Neural Machine Translation Using a Combined Method

Xiaowei Zhang, Wei Chen, Feng Wang, Shuang Xu, Bo Xu

Instance Weighting for Neural Machine Translation Domain Adaptation

Rui Wang, Masao Utiyama, Lemao Liu, Kehai Chen, Eiichiro Sumita

Regularization techniques for fine-tuning in neural machine translation

Antonio Valerio Miceli Barone, Barry Haddow, Ulrich Germann, Rico Sennrich

Source-Side Left-to-Right or Target-Side Left-to-Right? An Empirical Comparison of Two Phrase-Based Decoding Algorithms

Yin-Wen Chang, Michael Collins

Using Target-side Monolingual Data for Neural Machine Translation through Multi-task Learning

Tobias Domhan, Felix Hieber

13:40–15:20 Session 5F: Poster Session. Language Models, Text Mining, and Crowd Sourcing, Room: Copenhagen, Chair: Allen Schmaltz, Harvard University

Dynamic Entity Representations in Neural Language Models

Yangfeng Ji, Chenhao Tan, Sebastian Martschat, Yejin Choi, Noah A. Smith

Towards Quantum Language Models

Ivano Basile, Fabio Tamburini

Reference-Aware Language Models

Zichao Yang, Phil Blunsom, Chris Dyer, Wang Ling

A Simple Language Model based on PMI Matrix Approximations

Oren Melamud, Ido Dagan, Jacob Goldberger

Syllable-aware Neural Language Models: A Failure to Beat Character-aware Ones

Zhenisbek Assylbekov, Rustem Takhanov, Bagdat Myrzakhmetov, Jonathan N. Washington

Inducing Semantic Micro-Clusters from Deep Multi-View Representations of Novels

Lea Frermann, György Szarvas

Initializing Convolutional Filters with Semantic Features for Text Classification

Shen Li, Zhe Zhao, Tao Liu, Renfen Hu, Xiaoyong Du

Shortest-Path Graph Kernels for Document Similarity

Giannis Nikolentzos, Polykarpos Meladianos, Francois Rousseau, Yannis Stavarakas, Michalis Vazirgiannis

Adapting Topic Models using Lexical Associations with Tree Priors

Weiwei Yang, Jordan Boyd-Graber, Philip Resnik

Finding Patterns in Noisy Crowds: Regression-based Annotation Aggregation for Crowdsourced Data

Natalie Parde, Rodney Nielsen

CROWD-IN-THE-LOOP: A Hybrid Approach for Annotating Semantic Roles

Chenguang Wang, Alan Akbik, Iulia Chiticariu, Yunyao Li, Fei Xia, Anbang Xu

15:50–17:30 Session 6F: Poster Session. Computational Social Science 2, Room: Copenhagen, Chair: Afshin Rahimi, University of Melbourne

All that is English may be Hindi: Enhancing language identification through automatic ranking of the likeliness of word borrowing in social media

Jasabanta Patro, Bidisha Samanta, Saurabh Singh, Abhipsa Basu, Prithwish Mukherjee, Monojit Choudhury, Animesh Mukherjee

Multi-View Unsupervised User Feature Embedding for Social Media-based Substance Use Prediction

Tao Ding, Warren K. Bickel, Shimei Pan

Demographic-aware word associations

Aparna Garimella, Carmen Banea, Rada Mihalcea

A Factored Neural Network Model for Characterizing Online Discussions in Vector Space

Hao Cheng, Hao Fang, Mari Ostendorf

Dimensions of Interpersonal Relationships: Corpus and Experiments

Farzana Rashid, Eduardo Blanco

Argument Mining on Twitter: Arguments, Facts and Sources

Mihai Dusmanu, Elena Cabrio, Serena Villata

Distinguishing Japanese Non-standard Usages from Standard Ones

Tatsuya Aoki, Ryohei Sasano, Hiroya Takamura, Manabu Okumura

Connotation Frames of Power and Agency in Modern Films

Maarten Sap, Marcella Cindy Prasettio, Ari Holtzman, Hannah Rashkin, Yejin Choi

Controlling Human Perception of Basic User Traits

Daniel Preoȕiuc-Pietro, Sharath Chandra Guntuku, Lyle Ungar

Topic Signatures in Political Campaign Speeches

Clément Gautrais, Peggy Cellier, René Quiniou, Alexandre Termier

Assessing Objective Recommendation Quality through Political Forecasting

H. Andrew Schwartz, Masoud Rouhizadeh, Michael Bishop, Philip Tetlock, Barbara Mellers, Lyle Ungar

Never Abandon Minorities: Exhaustive Extraction of Bursty Phrases on Microblogs Using Set Cover Problem

Masumi Shirakawa, Takahiro Hara, Takuya Maekawa