
Day at a Glance — Saturday, September 9

Track D Aarhus



Copenhagen, Denmark

10:30–12:10 Session 1D: Demo Session (Posters), Chair: Paul, Michael

The NLTK FrameNet API: Designing for Discoverability with a Rich Linguistic Resource
Nathan Schneider, Chuck Wooters

Argotario: Computational Argumentation Meets Serious Games
Ivan Habernal, Raffael Hannemann, Christian Pollak, Christopher Kamm, Patrick Pauli, Iryna Gurevych

An Analysis and Visualization Tool for Case Study Learning of Linguistic Concepts
Cecilia Ovesdotter Alm, Benjamin Meyers, Emily Prud'hommeaux

GraphDocExplore: A Framework for the Experimental Comparison of Graph-based Document Exploration Techniques
Tobias Falke, Iryna Gurevych

SGNMT – A Flexible NMT Decoding Platform for Quick Prototyping of New Models and Search Strategies
Felix Stahlberg, Eva Hasler, Danielle Saunders, Bill Byrne

StruAP: A Tool for Bundling Linguistic Trees through Structure-based Abstract Pattern
Kohsuke Yanai, Misa Sato, Toshihiko Yanase, Kenzo Kurotsuchi, Yuta Koreeda, Yoshiki Niwa

KnowYourNyms? A Game of Semantic Relationships
Ross Mechanic, Dean Fulgoni, Hannah Cutler, Sneha Rajana, Zheyuan Liu, Bradley Jackson, Anne Cocos, Chris Callison-Burch, Marianna Apidianaki

The Projector: An Interactive Annotation Projection Visualization Tool
Alan Akbik, Roland Vollgraf

Interactive Visualization for Linguistic Structure
Aaron Sarnat, Vidur Joshi, Cristian Petrescu-Prahova, Alvaro Herrasti, Brandon Stilson, Mark Hopkins

DLATK: Differential Language Analysis ToolKit
H. Andrew Schwartz, Salvatore Giorgi, Maarten Sap, Patrick Crutchley, Lyle Ungar, Johannes Eichstaedt

QUINT: Interpretable Question Answering over Knowledge Bases
Abdalghani Abujabal, Rishiraj Saha Roy, Mohamed Yahya, Gerhard Weikum

Function Assistant: A Tool for NL Querying of APIs
Kyle Richardson, Jonas Kuhn

MoodSwipe: A Soft Keyboard that Suggests MessageBased on User-Specified Emotions
Chieh-Yang Huang, Tristan Labetoulle, Ting-Hao Huang, Yi-Pei Chen, Hung-Chen Chen, Vallari Srivastava, Lun-Wei Ku

ParlAI: A Dialog Research Software Platform
Alexander Miller, Will Feng, Dhruv Batra, Antoine Bordes, Adam Fisch, Jiasen Lu, Devi Parikh, Jason Weston

HeidelPlace: An Extensible Framework for Geoparsing

Ludwig Richter, Johanna Geiß, Andreas Spitz, Michael Gertz

Unsupervised, Knowledge-Free, and Interpretable Word Sense Disambiguation

Alexander Panchenko, Fide Marten, Eugen Ruppert, Stefano Faralli, Dmitry Ustalov, Simone Paolo Ponzetto, Chris Biemann

NeuroNER: an easy-to-use program for named-entity recognition based on neural networks

Franck Dernoncourt, Ji Young Lee, Peter Szolovits

SupWSD: A Flexible Toolkit for Supervised Word Sense Disambiguation

Simone Papandrea, Alessandro Raganato, Claudio Delli Bovi

Interactive Abstractive Summarization for Event News Tweets

Ori Shapira, Hadar Ronen, Meni Adler, Yael Amsterdamer, Judit Bar-Ilan, Ido Dagan

LangPro: Natural Language Theorem Prover

Lasha Abzianidze

Interactive Visualization and Manipulation of Attention-based Neural Machine Translation

Jaesong Lee, Joong-Hwi Shin, Jun-Seok Kim

13:40–15:20 Session 2D: Poster Session. Embeddings, Room: Aarhus, Chair: Heike Adel, LMU Munich

Hierarchical Embeddings for Hypernymy Detection and Directionality

Kim Anh Nguyen, Maximilian Köper, Sabine Schulte im Walde, Ngoc Thang Vu

Ngram2vec: Learning Improved Word Representations from Ngram Co-occurrence Statistics

Zhe Zhao, Tao Liu, Shen Li, Bofang Li, Xiaoyong Du

Dict2vec : Learning Word Embeddings using Lexical Dictionaries

Julien Tissier, Christopher Gravier, Amaury Habrard

Learning Chinese Word Representations From Glyphs Of Characters

Tzu-ray Su, Hung-yi Lee

Learning Paraphrastic Sentence Embeddings from Back-Translated Bitext

John Wieting, Jonathan Mallinson, Kevin Gimpel

Joint Embeddings of Chinese Words, Characters, and Fine-grained Subcharacter Components

Jinxing Yu, Xun Jian, Hao Xin, Yangqiu Song

Exploiting Morphological Regularities in Distributional Word Representations

Arihant Gupta, Syed Sarfaraz Akhtar, Avijit Vajpayee, Arjit Srivastava, Madan Gopal Jhanwar, Manish Shrivastava

Exploiting Word Internal Structures for Generic Chinese Sentence Representation

Shaonan Wang, Jiajun Zhang, Chengqing Zong

High-risk learning: acquiring new word vectors from tiny data

Aurélie Herbelot, Marco Baroni

Word Embeddings based on Fixed-Size Ordinally Forgetting Encoding

Joseph Sanu, Mingbin Xu, Hui Jiang, Quan Liu

VecShare: A Framework for Sharing Word Representation Vectors

Jared Fernandez, Zhaocheng Yu, Doug Downey

Word Re-Embedding via Manifold Dimensionality Retention

Souleiman Hasan, Edward Curry

MUSE: Modularizing Unsupervised Sense Embeddings

Guang-He Lee, Yun-Nung Chen

15:50–17:30 Session 3D: Poster Session. Syntax 2, Room: Aarhus, Chair: Yuval Pinter, Georgia Tech

Multi-Grained Chinese Word Segmentation

Chen Gong, Zhenghua Li, Min Zhang, Xinzhou Jiang

Don't Throw Those Morphological Analyzers Away Just Yet: Neural Morphological Disambiguation for Arabic

Nasser Zalmout, Nizar Habash

Paradigm Completion for Derivational Morphology

Ryan Cotterell, Ekaterina Vylomova, Huda Khayrallah, Christo Kirov, David Yarowsky

A Sub-Character Architecture for Korean Language Processing

Karl Stratos

Do LSTMs really work so well for PoS tagging? – A replication study

Tobias Horsmann, Torsten Zesch

The Labeled Segmentation of Printed Books

Lara McConnaughey, Jennifer Dai, David Bamman

Cross-lingual Character-Level Neural Morphological Tagging

Ryan Cotterell, Georg Heigold

Word-Context Character Embeddings for Chinese Word Segmentation

Hao Zhou, Zhenting Yu, Yue Zhang, Shujian Huang, XIN-YU DAI, Jiajun Chen

Segmentation-Free Word Embedding for Unsegmented Languages

Takamasa Oshikiri