Day at a Glance — Saturday, September 9



TrackD

Aarhus

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 Klamm, 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

Know Your Nyms? 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

DLATK: Differential Language Analysis ToolKit

Aaron Sarnat, Vidur Joshi, Cristian Petrescu-Prahova, Alvaro Herrasti, Brandon Stilson, Mark Hopkins

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

Lasha Abzianidze

LangPro: Natural Language Theorem Prover

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

Kim Anh Nguyen, Maximilian Köper, Sabine Schulte im Walde, Ngoc Thang Vu Ngram2vec: Learning Improved Word Representations from Ngram Co-occurrence Statistics

Hierarchical Embeddings for Hypernymy Detection and Directionality

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

Dict2vec: Learning Word Embeddings using Lexical Dictionaries Julien Tissier, Christopher Gravier, Amaury Habrard

Tzu-ray Su, Hung-yi Lee

Learning Chinese Word Representations From Glyphs Of Characters

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

Joseph Sanu, Mingbin Xu, Hui Jiang, Quan Liu

Exploiting Morphological Regularities in Distributional Word Representations Arihant Gupta, Syed Sarfaraz Akhtar, Avijit Vajpayee, Arjit Srivastava, Madan Gopal Jhanwar, Manish Shrivastava

Shaonan Wang, Jiajun Zhang, Chengqing Zong High-risk learning: acquiring new word vectors from tiny data

Exploiting Word Internal Structures for Generic Chinese Sentence Representation

Aurélie Herbelot, Marco Baroni Word Embeddings based on Fixed-Size Ordinally Forgetting Encoding

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

Pinter, Georgia Tech Multi-Grained Chinese Word Segmentation

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

Chen Gong, Zhenghua Li, Min Zhang, Xinzhou Jiang

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

Paradigm Completion for Derivational Morphology

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

Nasser Zalmout, Nizar Habash

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

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