## Day at a Glance — Saturday, September 9



### Track D

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* 

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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* 

Argotario: Computational Argumentation Meets Serious Games

GraphDocExplore: A Framework for the Experimental Comparison of Graph-based Document Exploration Techniques

ploration 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

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
OHINIT: Interpretable Question Answering over Knowledge Bases

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

DLATK: Differential Language Analysis ToolKit

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

Simone Papandrea, Alessandro Raganato, Claudio Delli Bovi

SupWSD: A Flexible Toolkit for Supervised Word Sense Disambiguation

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* 

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

Shaonan Wang, Jiajun Zhang, Chengqing Zong

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

High-risk learning: acquiring new word vectors from tiny data *Aurélie Herbelot, Marco Baroni* 

Exploiting Word Internal Structures for Generic Chinese Sentence Representation

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

Multi-Grained Chinese Word Segmentation Chen Gong, Zhenghua Li, Min Zhang, Xinzhou Jiang

Don't Throw Those Morphological Analyzers Away Just Yet: Neural Morphological Disambigua-

Paradigm Completion for Derivational Morphology

The Labeled Segmentation of Printed Books

tion for Arabic

Nasser Zalmout, Nizar Habash

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

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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