57th Annual Meeting of the Association for Computational Linguistics (ACL 2019)

System Demonstrations

Florence, Italy
28 July – 2 August 2019

ISBN: 978-1-5108-9098-5

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571

Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2019) by the Association for Computational Linguistics
All rights reserved.

Printed by Curran Associates, Inc. (2019)

For permission requests, please contact the Association for Computational Linguistics
at the address below.

Association for Computational Linguistics
209 N. Eighth Street
Stroudsburg, Pennsylvania 18360

Phone: 1-570-476-8006
Fax: 1-570-476-0860

acl@aclweb.org

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

Table of Contents

Sakura: Large-scale Incorrect Example Retrieval System for Learners of Japanese as a Second Language
Mio Arai, Tomonori Kodaira and Mamoru Komachi 1

SLATE: A Super-Lightweight Annotation Tool for Experts
Jonathan K. Kummerfeld 7

lingvis.io - A Linguistic Visual Analytics Framework
Mennatallah El-Assady, Wolfgang Jentner, Fabian Sperrle, Rita Sevastjanova, Annette Hautli-Janisz, Miriam Butt and Daniel Keim 13

SARAL: A Low-Resource Cross-Lingual Domain-Focused Information Retrieval System for Effective Rapid Document Triage
Elizabeth Boschee, Joel Barry, Jayadev Billa, Marjorie Freedman, Thamme Gowda, Constantine Lignos, Chester Palen-Michel, Michael Pust, Banriskhem Kayang Khonglah, Srikanth Madikeri, Jonathan May and Scott Miller 19

Jiuge: A Human-Machine Collaborative Chinese Classical Poetry Generation System
Guo Zhipeng, Xiaoyuan Yi, Maosong Sun, Wenhao Li, Cheng Yang, Jiannan Liang, Huimin Chen, Yuhui Zhang and Ruoyu Li 25

Rapid Customization for Event Extraction
Yee Seng Chan, Joshua Fasching, Haoling Qiu and Bonan Min 31

A Multiscale Visualization of Attention in the Transformer Model
Jesse Vig 37

PostAc : A Visual Interactive Search, Exploration, and Analysis Platform for PhD Intensive Job Postings
Chenchen Xu, Inger Mewburn, Will J Grant and Hanna Suominen 43

An Adaptable Task-oriented Dialog System for Stand-alone Embedded Devices
Long Duong, Vu Cong Duy Hoang, Tuyen Quang Pham, Yu-Heng Hong, Vladislavs Dovgalecs, Guy Bashkansky, Jason Black, Andrew Bleeker, Serge Le Huitouze and Mark Johnson 49

AlpacaTag: An Active Learning-based Crowd Annotation Framework for Sequence Tagging
Bill Yuchen Lin, Dong-Ho Lee, Frank F. Xu, Ouyu Lan and Xiang Ren . . . . . .

ConvLab: Multi-Domain End-to-End Dialog System Platform
Sungjin Lee, Qi Zhu, Ryuichi Takanobu, Zheng Zhang, Yaoqin Zhang, Xiang Li, Jinchao Li, Baolin Peng, Xiujun Li, Minlie Huang and Jianfeng Gao . . . . . .

Demonstration of a Neural Machine Translation System with Online Learning for Translators
Miguel Domingo, Mercedes García-Martínez, Amando Estela Pastor, Laurent Bié, Alexander Helle, Álvaro Peris, Francisco Casacuberta and Manuel Herranz Pérez . . . . . .

FASTDial: Abstracting Dialogue Policies for Fast Development of Task Oriented Agents
Serra Sinem Tekiroglu, Bernardo Magnini and Marco Guerini . . . . . .

A Neural, Interactive-predictive System for Multimodal Sequence to Sequence Tasks
Álvaro Peris and Francisco Casacuberta . . . . . .

NeuralClassifier: An Open-source Neural Hierarchical Multi-label Text Classification Toolkit
Liqun Liu, Funan Mu, Pengyu Li, Xin Mu, Jing Tang, Xingsheng Ai, Ran Fu, Lifeng Wang and Xing Zhou . . . . . .

ADVISER: A Dialog System Framework for Education & Research
Daniel Ortega, Dirk Väth, Gianna Weber, Lindsey Vanderlyn, Maximilian Schmidt, Moritz Völkel, Zorica Karacevic and Ngoc Thang Vu . . . . . .

KCAT: A Knowledge-Constraint Typing Annotation Tool
Sheng Lin, Luye Zheng, Bo Chen, Siliang Tang, Zhigang Chen, Guoping Hu, Yueting Zhuang, Fei Wu and Xiang Ren . . . . . .

An Environment for Relational Annotation of Political Debates
Andre Blessing, Nico Blokker, Sebastian Haunss, Jonas Kuhn, Gabriella Lapesa and Sebastian Padó

GLTR: Statistical Detection and Visualization of Generated Text
Sebastian Gehrmann, Hendrik Strobelt and Alexander Rush . . . . . .

OpenKiwi: An Open Source Framework for Quality Estimation
Fabio Kepler, Jonay Trénous, Marcos Treviso, Miguel Vera and André F. T. Martins . . . . . .

Microsoft Icecaps: An Open-Source Toolkit for Conversation Modeling
Vighnesh Leonardo Shiv, Chris Quirk, Anshuman Suri, Xiang Gao, Khuram Shahid, Nithya Govindarajan, Yizhe Zhang, Jianfeng Gao, Michel Galley, Chris Brockett, Tulasi Menon and Bill Dolan . .

PerspectroScope: A Window to the World of Diverse Perspectives
Sihao Chen, Daniel Khashabi, Chris Callison-Burch and Dan Roth . . . . . .

HEIDL: Learning Linguistic Expressions with Deep Learning and Human-in-the-Loop
Prithviraj Sen, Yunyao Li, Eser Kandogan, Yiwei Yang and Walter Lasecki . . . . . .

My Turn To Read: An Interleaved E-book Reading Tool for Developing and Struggling Readers
Nitin Madnani, Beata Beigman Klebanov, Anastassia Loukina, Binod Gyawali, Patrick Lange, John Sabatini and Michael Flor . . . . . .

GrapAL: Connecting the Dots in Scientific Literature
Christine Betts, Joanna Power and Waleed Ammar . . . . . .

ClaimPortal: Integrated Monitoring, Searching, Checking, and Analytics of Factual Claims on Twitter
Sarthak Majithia, Fatma Arslan, Sumeet Lubal, Damian Jimenez, Priyank Arora, Josue Caraballo and Chengkai Li . . . . . .

Texar: A Modularized, Versatile, and Extensible Toolkit for Text Generation
Zhiting Hu, Haoran Shi, Bowen Tan, Wentao Wang, Zichao Yang, Tiancheng Zhao, Junxian He, Lianhui Qin, Di Wang, Xuezhe Ma, Zhengzhong Liu, Xiaodan Liang, Wanrong Zhu, Devendra Sachan and Eric Xing . . . . . .

Parallax: Visualizing and Understanding the Semantics of Embedding Spaces via Algebraic Formulae
Piero Molino, Yang Wang and Jiawei Zhang . . . . . .

Flambé: A Customizable Framework for Machine Learning Experiments
Jeremy Wohlwend, Nicholas Matthews and Ivan Itzcovich . . . . . .

A Modular Tool for Automatic Summarization
Valentin Nyzam and Aurélien Bossard . . . . . .

TARGER: Neural Argument Mining at Your Fingertips
Artem Chernodub, Oleksiy Oliynyk, Philipp Heidenreich, Alexander Bondarenko, Matthias Hagen, Chris Biemann and Alexander Panchenko . . . . . .

MoNoise: A Multi-lingual and Easy-to-use Lexical Normalization Tool
Rob van der Goot . . . . . .

Level-Up: Learning to Improve Proficiency Level of Essays
Wen-Bin Han, Jhih-Jie Chen, Chingyu Yang and Jason Chang . . . . . .

Learning to Link Grammar and Encyclopedic Information of Assist ESL Learners
Jhih-Jie Chen, Chingyu Yang, Peichen Ho, Ming Chiao Tsai, Chia-Fang Ho, Kai-Wen Tuan, Chung-Ting Tsai, Wen-Bin Han and Jason Chang . . . . . .