AACL-IJCNLP 2020

The 1st Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics &

The 10th International Joint Conference on Natural Language Processing

Proceedings of System Demonstrations

©2020 The Association for Computational Linguistics

Order copies of this and other ACL proceedings from:

Association for Computational Linguistics (ACL) 209 N. Eighth Street Stroudsburg, PA 18360 USA

Tel: +1-570-476-8006 Fax: +1-570-476-0860 acl@aclweb.org

ISBN 978-1-952148-92-7

Introduction

Welcome to the proceedings of the system demonstrations session. This volume contains the papers of the system demonstrations presented at the 1st Conference of the Asia-Pacific Chapter of the Association for Computational Linguistics and the 10th International Joint Conference on Natural Language Processing (AACL-IJCNLP) on December 4 - 7, 2020.

The AACL-IJCNLP 2020 demonstrations track invited submissions ranging from early research prototypes to mature production-ready systems. We received 13 submissions this year, of which 7 were selected for inclusion in the program (acceptance rate of 54%) after review by at least three members of the program committee.

We would like to express our gratitude to the members of the program committee. The candidate papers were selected by the demo chairs based on the feedback received by reviewers.

Demonstrations papers will be presented during the conference in dedicated demo sessions.

Best.

Douwe Kiela Derek F. Wong AACL-IJCNLP 2020 Demo Chairs

Demonstration Chairs

Douwe Kiela, Facebook AI Research Derek Wong, University of Macau

Table of Contents

AMesure: A Web Platform to Assist the Clear Writing of Administrative Texts Thomas François, Adeline Müller, Eva Rolin and Magali Norré	1
AutoNLU: An On-demand Cloud-based Natural Language Understanding System for Enterprises Nham Le, Tuan Lai, Trung Bui and Doo Soon Kim	
ISA: An Intelligent Shopping Assistant Tuan Lai, Trung Bui and Nedim Lipka	14
metaCAT: A Metadata-based Task-oriented Chatbot Annotation Tool Ximing Liu, Wei Xue, Qi Su, weiran nie and Wei Peng	20
NLP Tools for Predictive Maintenance Records in MaintNet Farhad Akhbardeh, Travis Desell and Marcos Zampieri	26
Fairseq S2T: Fast Speech-to-Text Modeling with Fairseq Changhan Wang, Yun Tang, Xutai Ma, Anne Wu, Dmytro Okhonko and Juan Pino	33
NLPStatTest: A Toolkit for Comparing NLP System Performance Haotian Zhu, Denise Mak, Jesse Gioannini and Fei Xia	40

Conference Program

AMesure: A Web Platform to Assist the Clear Writing of Administrative Texts

Thomas François, Adeline Müller, Eva Rolin and Magali Norré

AutoNLU: An On-demand Cloud-based Natural Language Understanding System for Enterprises

Nham Le, Tuan Lai, Trung Bui and Doo Soon Kim

ISA: An Intelligent Shopping Assistant

Tuan Lai, Trung Bui and Nedim Lipka

metaCAT: A Metadata-based Task-oriented Chatbot Annotation Tool

Ximing Liu, Wei Xue, Qi Su, weiran nie and Wei Peng

NLP Tools for Predictive Maintenance Records in MaintNet

Farhad Akhbardeh, Travis Desell and Marcos Zampieri

Fairseq S2T: Fast Speech-to-Text Modeling with Fairseq

Changhan Wang, Yun Tang, Xutai Ma, Anne Wu, Dmytro Okhonko and Juan Pino

NLPStatTest: A Toolkit for Comparing NLP System Performance

Haotian Zhu, Denise Mak, Jesse Gioannini and Fei Xia