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Building Educational Applications**

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Workshop Program

Friday, August 2, 2019

8:30–9:00 *Loading of Oral Presentations*

9:00–9:15 **Opening Remarks**

9:15–10:30 **Oral Presentations 1**

9:15–9:40 *The many dimensions of algorithmic fairness in educational applications*
Anastassia Loukina, Nitin Madnani and Klaus Zechner

9:40–10:05 *Predicting the Difficulty of Multiple Choice Questions in a High-stakes Medical Exam*
Le An Ha, Victoria Yaneva, Peter Baldwin and Janet Mee

10:05-10:30 **Ambassador paper: Effects of the self-view window during video-mediated survey interviews: An eye-tracking study, Shelley Feuer**

10:30–11:00 **Coffee Breaks**

11:00–12:30 **Oral Presentations 2**

11:00–11:25 *An Intelligent Testing Strategy for Vocabulary Assessment of Chinese Second Language Learners*
Wei Zhou, Renfen Hu, Feipeng Sun and Ronghuai Huang

11:25–11:50 *Computationally Modeling the Impact of Task-Appropriate Language Complexity and Accuracy on Human Grading of German Essays*
Zarah Weiss, Anja Riemenschneider, Pauline Schröter and Detmar Meurers

11:50–12:10 *Analysing Rhetorical Structure as a Key Feature of Summary Coherence*
Jan Šnajder, Tamara Sladoljev-Agejev and Svjetlana Kolić Vehovec

Friday, August 2, 2019 (continued)

12:10–12:30 Shared Task Report

The BEA-2019 Shared Task on Grammatical Error Correction

Christopher Bryant, Mariano Felice, Øistein E. Andersen and Ted Briscoe

12:30–14:00 Lunch

14:00–14:45 Poster Session A

A Benchmark Corpus of English Misspellings and a Minimally-supervised Model for Spelling Correction

Michael Flor, Michael Fried and Alla Rozovskaya

Artificial Error Generation with Fluency Filtering

Mengyang Qiu and Jungyeul Park

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Friday, August 2, 2019 (continued)

Erroneous data generation for Grammatical Error Correction

Shuyao Xu, Jiehao Zhang, Jin Chen and Long Qin

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Friday, August 2, 2019 (continued)

Neural Grammatical Error Correction Systems with Unsupervised Pre-training on Synthetic Data

Roman Grundkiewicz, Marcin Junczys-Dowmunt and Kenneth Heafield

14:45–15:30 **Poster Session B**

Evaluation of automatic collocation extraction methods for language learning

Vishal Bhalla and Klara Klimcikova

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Friday, August 2, 2019 (continued)

15:30–16:00 Mid-Afternoon Snacks

16:00–17:15 Oral Presentations 3

16:00–16:25 *Automated Essay Scoring with Discourse-Aware Neural Models*

Farah Nadeem, Huy Nguyen, Yang Liu and Mari Ostendorf

16:25–16:50 *Modeling language learning using specialized Elo rating*

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16:50–17:15 *Rubric Reliability and Annotation of Content and Argument in Source-Based Argument Essays*

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17:15–17:30 Closing Remarks