

NAACL 2022

**The 2022 Conference of the North American Chapter of the
Association for Computational Linguistics: Human Language
Technologies**

Proceedings of the Student Research Workshop

July 10-15, 2022

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SRW Sponsors



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Introduction

Welcome to the NAACL 2022 Student Research Workshop.

The NAACL 2022 Student Research Workshop (SRW) is a forum for student researchers in computational linguistics and natural language processing. The workshop provides a unique opportunity for student participants to present their work and receive valuable feedback from the international research community as well as from faculty mentors.

Following the tradition of the previous student research workshops, we have archival and non-archival tracks for research papers and thesis proposals. The research paper track is a venue for Ph.D. students, Masters students, and advanced undergraduates to describe completed work or work-in-progress along with preliminary results. The thesis proposal track is offered for advanced Masters and Ph.D. students who have decided on a thesis topic and are interested in feedback on their proposal and ideas about future directions for their work.

This year, we received 96 submissions in total: 8 thesis proposals and 88 research papers. We accepted 5 thesis proposal and 41 research papers, resulting in an acceptance rate of 63% for thesis proposals and 47% for research papers. Out of the 41 research papers, 9 were non-archival and 33 are presented in these proceedings. Out of the 5 thesis proposals, 1 was non-archival and 4 are presented in these proceedings.

Mentoring is at the heart of the SRW. In line with previous years, we had a pre-submission mentoring program before the submission deadline. A total of 28 papers participated in the pre-submission mentoring program. This program offered students the opportunity to receive comments from an experienced researcher to improve the writing style and presentation of their submissions.

We are deeply grateful to our sponsors, the National Science Foundation, Microsoft and Google. We thank the program committee members for their careful reviews of each paper and all of the mentors for donating their time to provide feedback to the student authors. We thank our faculty advisors, Danqi Chen and Nianwen Xue, for their essential advice and guidance, and the NAACL 2022 organizing committee for their support. Finally, we thank all the student authors for submitting their work and participating in the NAACL 2022 edition of the SRW.

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Program

Tuesday, July 12, 2022

08:00 - 09:00 *Virtual Poster Q&A Session 1*

Explicit Use of Topicality in Dialogue Response Generation

Takumi Yoshikoshi, Hayato Atarashi, Takashi Kodama and Sadao Kurohashi

Automating Human Evaluation of Dialogue Systems

Sujan Reddy A

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Analysing the Correlation between Lexical Ambiguity and Translation Quality in a Multimodal Setting using WordNet

Ali Hatami, Paul Buitelaar and Mihael Arcan

12:15 - 10:45 *Panel Discussion for Starting Researchers*

14:15 - 15:45 *In-Person Poster Session*

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Multimodal large language models for inclusive collaboration learning tasks

Armanda Lewis

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Methods for Estimating and Improving Robustness of Language Models

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Wenhao Yu

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08:00 - 09:00 *Virtual Poster Q&A Session 3*

Again, Dozens of Refugees Drowned: A Computational Study of Political Framing Evoked by Presuppositions

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Static and Dynamic Speaker Modeling based on Graph Neural Network for Emotion Recognition in Conversation

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Simulating Feature Structures with Simple Types

Valentin D. Richard

09:15 - 10:15 *Virtual Poster Q&A Session 4*

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