Shuichiro SHIMIZU

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Ph.D. student at Language Media lab, Kyoto University.
Research interest: speech translation, dialogue, multimodal processing

Education

Ph.D. student	**Kyoto University, Japan**
Informatics (Intelligence Science and Technology)	*Apr. 2023 – Present*
M.S.	**Kyoto University, Japan**
Informatics (Intelligence Science and Technology)	*Apr. 2021 – Mar. 2023*
B.E.	**Kyoto University, Japan**
Engineering (Electrical and Electoronic Engineering)	*Apr. 2017 – Mar. 2021*

Experiences

JSPS Research Fellowship for Young Scientists (DC1)	**Japan**
Working on dialogue application of speech translation	*Apr. 2023 – Present*
Internship at NEC	**Kanagawa, Japan**
Worked on multilingual automatic speech recognition	*Aug. 2021 – Sep. 2021*
Trainee at NICT	**Kyoto, Japan**
Working with the speech processing lab	*Nov. 2020 – Present*
Developer at Kangi	**Nara, Japan**
Developed programs for land survey	*May 2018 - Mar. 2023*
Office Assistant at Oki lab (Networking Communications lab)	**Kyoto, Japan**
Worked on relation network of people based on brain activities	*Jan. 2019 – Mar. 2020*

Publications

Journal (Peer-Reviewed)...

- <u>Shuichiro Shimizu</u>, Chenhui Chu, Sheng Li, and Sadao Kurohashi. **Cross-Lingual Transfer Learning for End-to-End Speech Translation**. In *Journal of Natural Language Processing*, Vol.29, No.2, 2022.

International Conference (Peer-Reviewed)..

- Shuichiro Shimizu, Chenhui Chu, Sheng Li, and Sadao Kurohashi. **Towards Speech Dialogue Translation Mediating Speakers of Different Languages**. In *Findings of the Association for Computational Linguistics: ACL 2023*, 2023.
- Zhengdong Yang, Shuichiro Shimizu, Zhou Wangjin, Sheng Li, Chenhui Chu. **Kyoto Speech-to-Speech Translation System for IWSLT 2023**. In *Proceedings of the 20th International Conference on Spoken Language Translation (IWSLT 2023)*, 2023.
- Yihang Li, <u>Shuichiro Shimizu</u>, Weiqi Gu, Chenhui Chu, and Sadao Kurohashi. **VISA: An Ambiguous Subtitles Dataset for Visual Scene-Aware Machine Translation**. In *Proceedings of the 13th International Conference on Language Resources and Evaluation (LREC 2022)*, 2022.

International Conference (Non Peer-Reviewed)

- Iglika Nikolova-Stoupak, <u>Shuichiro Shimizu</u>, Chenhui Chu, and Sadao Kurohashi. **Filtering of Noisy Web-Crawled Parallel Corpus: the Japanese-Bulgarian Language Pair**. In *Proceedings of the 5th International Conference on Computational Linguistics in Bulgaria 2022 (CLIB 2022)*, 2022.

Domestic Conference (Non Peer-Reviewed)

- <u>Shuichiro Shimizu</u>, Chenhui Chu, Sheng Li, and Sadao Kurohashi. **Speech Dialogue Translation Mediating Speakers of Different Languages**. In *Proceedings of the 29th Annual Meeting of the Association for Natural Language Processing*, 2023.
- Iglika Nikolova-Stoupak, <u>Shuichiro Shimizu</u>, Chenhui Chu, and Sadao Kurohashi. **Filtering of a Web-Crawled Corpus to Achieve a Strong MT Model: a Case Study on the Japanese-Bulgarian Language Pair**. In *Proceedings of the 29th Annual Meeting of the Association for Natural Language Processing*, 2023.
- Yihang Li, <u>Shuichiro Shimizu</u>, Chenhui Chu, and Sadao Kurohashi. **Towards the Construction of Multimodal Machine Translation Dataset Focusing on Ambiguity of Translations**. In *Proceedings of the 28th Annual Meeting of the Association for Natural Language Processing*, 2022. (**Special Committee Award**)
- <u>Shuichiro Shimizu</u>, Chenhui Chu, Sheng Li, and Sadao Kurohashi. **End-to-End Speech Translation with Cross-lingual Transfer Learning**. In *Proceedings of the 27th Annual Meeting of the Association for Natural Language Processing*, 2021.

Awards

- **Special Committee Award** for the paper *Towards the Construction of Multimodal Machine Translation Dataset Focusing on Ambiguity of Translations* (Mar. 2022)

As of Jun. 13, 2023