HAO SHI

Speech and Audio Processing Lab
✉ hshi.cca@gmail.com

RESEARCH INTERESTS

Automatic Speech Recognition:

- End-to-end ASR

Speech Enhancement:

- Spectrograms fusion
- Front-end for robust ASR

Speech Separation:

- Blind source separation

EDUCATION

Ph.D. in Computer Science and Technology, Kyoto University, Kyoto, Japan — Apr. 2021 – Present.
Department of Intelligence Science and Technology, Graduate School of Informatics
- Supervisor: Prof. Tatsuya Kawahara

M.Phil. in Computer Science and Technology, Tianjin University, Tianjin, China — Sep. 2018 – Jan. 2021
College of Intelligence and Computing
- Supervisor: Prof. Longbiao Wang

B.Sc. in Computer Science and Technology, Southwest Jiaotong University, Sichuan, China — Sep. 2014 – Jun. 2018
The School of Information Science and Technology

PUBLICATIONS

Conference Papers (**Review Paper,First Author**):

1. **H. Shi**, L. Wang, M. Ge, S. Li, J. Dang, "Spectrograms Fusion with Minimum Difference Masks Estimation for Monaural Speech Dereverberation," in Proc. of ICASSP, 2020, pp. 7544-7548.
2. **H. Shi**, L. Wang, S. Li, C. Ding, M. Ge, N. Li, J. Dang, H. Seki, "Singing Voice Extraction with Attention based Spectrograms Fusion," in Proc. of Interspeech, 2020, pp. 2412-2416.

Conference Papers (**Review Paper, Co-Author**):

1. M. Ge, L. Wang, N. Li, **H. Shi**, J. Dang, X. Li, "Environment-dependent attention-driven recurrent convolutional neural network for robust speech enhancement," in Proc. of Interspeech, 2019, pp. 3153-3157.