Reviewer 4309

1. Blind system identification is a well-researched topic, but our literature review has identified a gap in the existing research. Specifically, we found no investigation of Convolutive Transfer Function (CTF) signal model-based approaches.
2. The details of getting the reference signal via DAS beamformer will be supplied in forthcoming revised version.
3. The current state-of-the-art dereverberation method remains WPE, with its extended work published in 2021 as follows: R. Ikeshita, K. Kinoshita, N. Kamo and T. Nakatani, "Online Speech Dereverberation Using Mixture of Multichannel Linear Prediction Models," in IEEE Signal Processing Letters, vol. 28, pp. 1580-1584, 2021, doi: 10.1109/LSP.2021.3099715, and we will update it to reference.

Reviewer 430A

1. In our research,’’Blind’’ is referred to as the inability to access the clean source signal, and the position between the source and microphone array is necessary for DAS beamforming. Therefore, we will consider changing the title to ’’Semi-Blind’’.
2. The forthcoming revised version will provide missing information on CTF and WPE parameters as well as the procedure of the DAS beamformer and a comparison of the processed signal using WPE followed by a DAS beamformer.
3. While various state-of-the-art BSI techniques for RIRs have been proposed and shown to be effective, they encounter an equalization issue that could give rise to significant problems in subsequent application. Moreover, these algorithms usually operate on RIRs that have a T60 of less than 0.1 seconds. By contrast, our proposed approach, which is based on the Convolutive Transfer Function (CTF) signal model, has the capacity to handle RIRs with a maximum T60 of 1.6 seconds. Comparing the two methods under prolong reverberation times necessitates an increase in the computational burden of state-of-the-art BSI methods and may result in a loss of accuracy. Nonetheless, these state-of-the-art BSI methods will still be referenced in revised version.

Reviewer 070E

1. The current state-of-the-art dereverberation method remains WPE, with its extended work published in 2021 as follows: R. Ikeshita, K. Kinoshita, N. Kamo and T. Nakatani, "Online Speech Dereverberation Using Mixture of Multichannel Linear Prediction Models," in IEEE Signal Processing Letters, vol. 28, pp. 1580-1584, 2021, doi: 10.1109/LSP.2021.3099715, and we will update it to reference.