基本信息

编号ID：15

开始时间：2020-11-23 17:08:27　结束时间：2020-11-23 17:23:23

答题详情

1.Name of the Nominee

Yanhui Tu

2.Job Title

Postdoctor

3.Phone

+86 17755121000

4.Email

tuyanhui@ustc.edu.cn

6.Attach resume/CV (PDF file) if not available at the above URL (Question 6)

非图片文件不支持预览，请到样本数据下载查看

7.Affiliation / Address

University of Science and Technology of China

8.PhD year

2019

9.University where you obtained PhD

University of Science and Technology of China

10.APSIPA membership grade

Full Member

11.I confirmed my willingness to serve and perform duties according to the APSIPA's Bylaws, Polices and Procedures. I understand the responsibilities of a TC member, in particular reviewing papers for APSIPA ASC (about 10 papers), attending the yearly meeting of the TC, in addition to participating in the activities of the TC.

● Understand

12.List of 5 publications/patents that are most relevant to APSIPA

[1] Yuanyuan Zhang, Jun Du, Zirui Wang, Jianshu Zhang and Yan-Hui Tu. Attention Based Fully Convolutional Network for Speech Emotion Recognition. P. 1771-1775, APSIPA ASC, 2018.
[2] Yan-Hui Tu, Jun Du, Nan Zhou and Chin-Hui Lee. Online LSTM-based Iterative Mask Estimation for Multi-Channel Speech Enhancement and ASR. P. 362-366, APSIPA ASC, 2018.
[3] Yan-Hui Tu, Jun Du, Lei Sun and Chin-Hui Lee. Lstm-based Iterative Mask Estimation and Post- processing for Multi-channel Speech Enhancement. P.488--491, APSIPA ASC, 2017.
[4] Yan-Hui Tu, Jun Du, Tian Gao, Chin-Hui Lee. A Multi-Target SNR-Progressive Learning Approach to Regression Based Speech Enhancement. Process. 28: 1608-1619. IEEE/ACM Transactions Audio Speech Lang. 2020.
[5] Yan-Hui Tu, Jun Du, and Chin-Hui Lee. Speech Enhancement Based on Teacher–Student Deep Learning Using Improved Speech Presence Probability for Noise-Robust Speech Recognition. P. 2080-2091, Vol. 27, No. 12. IEEE/ACM Transactions on Audio, Speech, and Language Processing. 2019.

13.Name of nominator

Jun Du

14.Supporting Statement (not to exceed 600 words)

Yanhui Tu began studying for her doctorate with me in 2013 and received her doctorate in 2019. During his doctoral study, he kept close academic communication with Professor Chin-Hui Lee from Georgia Institute of Technology. His research areas include speech enhancement, speech separation and robust speech recognition, all of which are the hot areas of speech at present. In 2015 and 2019, as a core member of the team, he participated in CHiME-4 and CHiME-6 Challenge, and won the first place. This series of challenges aim to solve speech recognition problems in real adverse noise scenes. He also published several papers on top journals and conferences in speech field every year.