

Borris(Bo-Hao) Su

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EDUCATION

National Tsing Hua University School of Electrical Engineering, Bachelor — Hsinchu, Taiwan 09/2013 - 06/2017
National Tsing Hua University School of Electrical Engineering, PhD — Hsinchu, Taiwan 09/2017 - present

TEACHING ASSISTANT EXPERIENCE

Speech Signal Processing, National Tsing Hua University — Taiwan 09/2018 - 01/2019
Artificial Intelligence Innovation and Entrepreneurship, National Tsing Hua University — Taiwan 01/2019 - 07/2019

WORKSHOP EXPERIENCE

Machine Learning Hands-on Workshop of SVM & DNN, Speaker — Hsinchu, Taiwan 09/2018

RESEARCH EXPERIENCE

Behavioral Informatics and Interaction Computation Lab (BIIC Lab) — Hsinchu, Taiwan 09/2017 - present

ACADEMIC PUBLICATIONS

- Chun-Min Chang, **Bo-Hao Su**, Shih-Chen Lin, Jeng-Lin Li, Chi-Chun Lee, “**Bootstrapped Multi-View Weighted Kernel Fusion Framework for Cross-Corpus Integration of Multimodal Emotion Recognition**” (ACII 2017)
- **Bo-Hao Su**, Sung-Lin Yeh, Ming-Ya Ko, Huan-Yu Chen, Shun-Chang Zhong, Jeng-Lin Li, Chi-Chun Lee, “**Self-Assessed Affect Recognition using Fusion of Attentional BLSTM and Static Acoustic Features**” (Interspeech 2018)
- Sung-Lin Yeh, Gao-Yi Chao, **Bo-Hao Su**, Yu-Lin Huang, Meng-Han Lin, Yin-Chun Tsai, Yu-Wen Tai, Zheng-Chi Lu, Chieh-Yu Chen, Tsung-Ming Tai, Chiu-Wang Tseng, Cheng-Kuang Lee, Chi-Chun Lee, “**Using Attention Networks and Adversarial Augmentation for Styrian Dialect Continuous Sleepiness and Baby Sound Recognition**” (Interspeech 2019)
- **Bo-Hao Su**, Chun-Min Chang, Yun-Shao Lin, Chi-Chun Lee, “**Improving Speech Emotion Recognition Using Graph Attentive Bi-directional Gated Recurrent Unit Network**” (Interspeech 2020)
- Shreya G. Upadhyay, **Bo-Hao Su**, Chi-Chun Lee, “**Attentive Convolutional Recurrent Neural Network Using Phoneme-Level Acoustic Representation for Rare Sound Event Detection**” (Interspeech 2020)
- Shun-Chang Zhong, **Bo-Hao Su**, Wei Huang, Yi-Ching Liu, Chi-Chun Lee, “**Predicting Collaborative Task Performance using Graph Interlocutor Acoustic Network in Small Group Interaction**” (Interspeech 2020)
- **Bo-Hao Su**, Chi-Chun Lee, “**A Conditional Cycle Emotion Gan for Cross Corpus Speech Emotion Recognition**” (SLT 2021)
- Yu-Lin Huang, **Bo-Hao Su**, Y-W Peter Hong, Chi-Chun Lee, “**An Attribute-Aligned Strategy for Learning Speech Representation**” (Interspeech 2021)

PROFESSIONAL ASSOCIATIONS

Department of Electrical Engineering, National Tsing Hua University, Taiwan 2006 - Present
MOST Joint Research Center for AI Technology and All Vista Healthcare, Taiwan 2017 - Present

RESEARCH FIELDS

Speech Signal Processing, Affective Computing, Machine Learning, Automatic Speech Recognition, Cross Corpora Behavior Learning

PROGRAMING SKILLS

- Python
- Matlab
- Kaldi
- C & C++

LANGUAGES

Mandarin (native), English (advanced)