XINGXUN JIANG

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EDUCATION

Southeast University, China *Sept. 2018 - Present*
Ph.D. Candidate in Biomedical Engineering (Mar. 2021 - Present) and **M.Sc.** in Biomedical Engineering (Neural Information Engineering) (Sept. 2018 - Mar. 2021), Affective Information Processing Lab (AIPL), advised by Prof. Wenming Zheng.
Research project: Facial Expression Recognition in the Wild.

Nanjing University of Posts and Telecommunications, China *Sept. 2013 - Jun. 2017*
B.Sc. in Smart Grid Information Engineering, i.e., a branch of Electrical Engineering, advised by Dr. Yingjun Wu.
Thesis title: The Optimization Design of Electrical Vehicle Charging Path.

RESEARCH INTERESTS

Computer Vision: Affective Computing, Biometrics, Pattern Recognition
Machine Learning: Graph Neural Network, Deep Learning.

HONORS AND AWARDS

Excellent Volunteer, Southeast University *2021*
Merit Student, Southeast University *2021*
Chien-Shiung Wu BME Scholarship, Southeast University *2020*
The 7^{th} EmotiW Challenge: **1st place in Audio-Video based Emotion Recognition** *2019*
The Third Prize, The 15^{th} National Post Graduate Mathematical Contest in Modeling *2018*
The **First** Academic Scholarship, Southeast University *2018*
Honorable Mentioned, Mathematical Contests in Modeling (MCM/ICM) *2015*

PUBLICATIONS

Google Sholar: https://scholar.google.com/citations?hl=zh-CN&user=Ls_VNecAAAAJ
Semantic Scholar: https://www.semanticscholar.org/author/Xingxun-Jiang/1387822126
dblp: https://dblp.org/pid/251/0975.html
OCRID: 0000-0002-2139-8623

Top-tier Vision Conference Papers

[C1] Xingxun Jiang, Yuan Zong, Wwenming Zheng, Chuangao Tang, Wanchuang Xia, Cheng Lu, and Jiateng Liu, "DFEW: A Large-Scale Database for Recognizing Dynamic Facial Expressions in the Wild", ***The ACM 28th Conference on Multimedia (ACM MM2020)***, 2020.

Other Journal Papers

[J1] Xilei Zhang, Xingxun Jiang, Xiangyong Yuan, and Wenming Zheng, "Attentional focus modulates automatic finger-tapping movements", ***Scientific Reports***, Vol.11, No.1, pp.1-13, 2021.

Other Conference Papers

[C1] Sunan Li, Wenming Zheng, Yuan Zong, Cheng Lu, Chuangao Tang, Xingxun Jiang, Jiateng Liu, and Wanchuang Xia, "Bi-modality Fusion for Emotion Recognition in the Wild," ***The 21th ACM International Conference on Multimodal Interaction (ICMI2019)***, 2019.

[C2] Wanchuang Xia, Wenming Zheng, Yuan Zong, and Xingxun Jiang, "Motion Attention Deep Transfer Network for Cross-Database Micro-Expression Recognition", ***ICPR Workshop on Facial and Body Expressions, micro-expressions and behavior recognition (FBE2020)***, 2020.

CHINESE PATENTS

Granted

[P1] Wenming Zheng, Xingxun Jiang, Yuan Zong, and Wanchuang Xia, "A Method and A Device based on Facial Local Region Learning for Cross-Dataset Micro-Expression Recognition". ***ZL 2019 1 0706550.8***

Under Substantive Examination

[P1] Wenming Zheng, Xingxun Jiang, Yuan Zong, and Wanchuang Xia, "A Method and A Device based on EC-STFL loss function for Dynamic Facial Expression Recognition in the Wild", ***202010831485.4***.

[P2] Yuan Zong, Lin Jiang, Jiacheng Zhang, Wenming Zheng, Xingxun Jiang, and Jiateng Liu, "A Method and A Device based on Joint Distributed Least Squares Regression for Cross-Dataset Speech Emotion Recognition", ***202010372728.2***.

[P3] Wenming Zheng, Yang Li, Xingxun Jiang, Yuan Zong, and Sunan Li, "A Method and A Device based on Transferable Attention Neural Network for EEG Emotion Recognition", ***202010030240.1***.

[P4] Yuan Zong, Xingxun Jiang, Wenming Zheng, Yang Li, Cheng Lu, Chuangao Tang, and Sunan Li, "A Method and A Device based on Domain Selection Transfer Regression for Cross-Dataset Micro-Expression Recognition", ***202010030236.5***.

[P5] Wenming Zheng, Yang Li, Xingxun Jiang, and Yuan Zong, "A Method and A Device based on Bihemispheric Difference Model for EEG Emotion Recognition", ***201911343069.3***.

[P6] Wenming Zheng, Wanchuang Xia, Yuan Zong, Xingxun Jiang, Cheng Lu, and Jiateng Liu, "A Method and A Device based on Optical Flow Attention Neural Network for Cross-Dataset Micro-Expression Recognition", ***201910756936.X***.

RESEARCH PROJECT

[R1] Temporal Dynamic Expression/Micro-Expression Recognition, ***the National Key Research and Development Program of China under Grant 2018YFB1305200***, Participated, 2019-2022.

[R2] Action Intention and Emotion Interpretation in Advanced Brain Computer Interaction, ***the National Basic Research Program of China under Grant 2015CB351704***, Participated, 2015-2019.

[R3] The Anomaly Detection Algorithm of Electric Vehicles-Distribution Power Network in Suzhou city, ***NARI Technology Co. LTD.***, Participated, 2020.

[R4] Electric Vehicle's Intelligent Charging Guidance and Optimal Charging Station Configuration Design in Foshan city, ***NARI Technology Co. LTD.***, Participated, 2019.

TEACHING ASSISTANT

Affective Computing and Aritifical Intelligence *2021*

ACADEMIC SERVICE

Journal Reviews

Reviewer of IEEE Access

Conference Reviews

Reviewer of Chinese Conference on Pattern Recognition and Computer Vision (**PRCV**), 2021