CUIQUN CHEN（陈翠群）

Date of Birth: 04th July,1993
Gender: Female
Nationality: China
Phone: (+86)18326808965
Email: chencuiqun@whu.edu.cn
Address: Laboratory E508, School of Computer Science, Wuhan University, Wuhan China, 430072
Research Interests: Computer Vision, Multi-modal Learning, Person Re-identification

EDUCATION

PhD	Hefei University of Technology School of Computer Science and Information Engineering	2016.09 - 2022.06
BE	Fuyang Normal University School of Physics and Electronic Engineering	2012.09 - 2016.06

WORK EXPERIENCES

• School of Computer Science, Wuhan University Advisors: Prof. Bo Du and Prof. Mang Ye	Postdoctor	2022.07 - To date
• IFLYTEK AI Research Institute	Intern	2019.12 - 2020.06

MAIN PUBLICATIONS

Journal Papers

1. **Cuiqun Chen**, Mang Ye, Meibin Qi, Bo Du. SketchTrans: Disentangled Prototype Learning with Transformer for Sketch-Photo Recognition. IEEE Transactions on Pattern Analysis and Machine Intelligence. 2023.
2. **Cuiqun Chen**, Mang Ye, Meibin Qi, Jingjing Wu, Jianguo Jiang, and Chia Wen Lin. Structure-aware positional transformer for visible-infrared person re-identification. IEEE Transactions on Image Processing, 2022, 31: 2352-2364.
3. **Cuiqun Chen**, Mang Ye, Meibin Qi, Jingjing Wu, Yimin Liu, and Jianguo Jiang. Saliency and granularity: Discovering temporal coherence for video-based person re-identification. IEEE Transactions on Circuits and Systems for Video Technology, 2022, 32(9): 6100-6112.
4. Mang Ye, **Cuiqun Chen**, Jianbing Shen, Ling Shao. Dynamic Tri-Level Relation Mining with Attentive Graph for Visible Infrared Re-Identification. IEEE Transactions on Information Forensics and Security, vol. 17, pp. 386-398, 2021.
5. **Cuiqun Chen**, Meibin Qi, Guanghong Huang, Jingjing Wu, and Xiaohong Li. Learning discriminative features with a dual-constrained guided network for video

based person re-identification. Multimedia Tools and Applications, 2021, 80(19): 28673-28696.

Conference Papers

6. **Cuiqun Chen**, Mang Ye, Ding Jiang. Towards Modality-Agnostic Person Re-identification with Descriptive Query. Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition, 2023: 15128-15137.
7. **Cuiqun Chen**, Mang Ye, Meibin Qi, Bo Du. Sketch Transformer: Asymmetrical Disentanglement Learning from Dynamic Synthesis. Proceedings of the 30th ACM International Conference on Multimedia. 2022: 4012-4020.

FUNDED PROJECTS

- Principal Investigator, Research on Person Re-identification with Descriptive Query, NSFC Youth Science Foundation, 2024-2026, 300,000RMB
- Principal Investigator, Research on cross-domain generalized person re-identification for descriptive query. China Postdoctoral Science Foundation Special Funding (Pre-Station), 2024-2025, 180,000RMB
- Principal Investigator, Research on multi-modal robust person re-identification based on unified representation. China Postdoctoral Science Foundation General Program, 2024-2025, 80,000RMB
- Key Investigator, A Privacy-Preserving Generalised Heterogeneous Federated Learning Framework for Biometrics Verification, NSFC-RGC Joint Program, 2024-2026, 3000,000RMB
- Key Investigator, Early diagnosis and intervention of structural birth defects based on pregnancy screening big data and artificial intelligence technology, National Key Research and Development Program of China, 2024-2026, 22,500,000RMB

HONORS AND AWARDS

The second prize, 2020
the CVPR 2020 Chalearn Multi-modal Cross-ethnicity Face anti-spoofing Recognition Challenge

The first prize, 2018 - 2021
the Scholarship of Hefei University of Technology for a doctor's degree

The second prize, 2016 - 2018
the Scholarship of Hefei University of Technology for a master's degree

Outstanding graduate 2016

National Encouragement Scholarship 2013, 2015

National Scholarship 2014