

# Yikang Wei, Ph.D.

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## Education

- 2020.9 – 2024.6    📖 **Ph.D., Tianjin University**, College of Intelligence and Computing.  
Thesis title: *Research on Multi-Source Collaborative Federated Domain Adaptation and Generalization*.
- 2017.9 – 2020.6    📖 **M.Sc., Central China Normal University**, School of computer.  
Thesis title: *Subspace Learning Algorithm for Face Recognition*.
- 2013.9 – 2017.6    📖 **Bachelor, Hubei University Of Technology**, School of computer.

## Research Publications

### Journal Articles

- 1 Y. Wei, L. Yang, Y. Han, and Q. Hu, "Multi-source collaborative contrastive learning for decentralized domain adaptation," *IEEE Transactions on Circuits and Systems for Video Technology*, vol. 33, no. 5, pp. 2202–2216, 2023.
- 2 Y. Wei and Y. Han, "Dual collaboration for decentralized multi-source domain adaptation," *Frontiers of Information Technology & Electronic Engineering*, vol. 23, no. 12, pp. 1780–1794, 2022.

### Conference Proceedings

- 1 Y. Wei and Y. Han, "Multi-source collaborative gradient discrepancy minimization for federated domain generalization," in *AAAI Conference on Artificial Intelligence (AAAI)*, 2024, pp. 1–9.
- 2 Y. Wei and Y. Han, "Exploring instance relation for decentralized multi-source domain adaptation," in *ICASSP 2023-2023 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP)*, IEEE, 2023, pp. 1–5.

## Research Interests

- 2020-Now    📖 Federated Learning, Domain Adaptation, Domain Generalization.
- 2017-2020    📖 Subspace Learning, Face Recognition.

## Research Experience

### Research Projects

- 2020-2021    📖 Multi-party collaborative federated domain adaptive, Huawei Noah Lab.