

ANJUN CHEN

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EDUCATION

Zhejiang University

Ph.D. Student, College of Control Science and Engineering
Area of Study: Computer Vision and Robotics

Hangzhou, CN

Mar 2022 – Present

Advisor: Prof. Qi Ye, Prof. Jiming Chen

Zhejiang University

M.E. Student, Polytechnic Institute
Major: Control Engineering

Hangzhou, CN

Sep 2019 – Mar 2022

Jilin University

B.E., College of Communication Engineering
Major: Measurement Technology

Changchun, CN

Sep 2015 – Jun 2019

RESEARCH EXPERIENCE

University of Pennsylvania

Visiting Student, GRASP Lab
Research Topic: Gaussian Avatar

Philadelphia, US

Aug 2024 – Feb 2025

Advisor: Prof. Lingjie Liu

NetEase

Research Intern, Fuxi AI Lab
Research Topic: Multi-Modal Matching

Hangzhou, CN

Nov 2023 – Mar 2024

PUBLICATIONS

Conferences

- Vid2Sim: Generalizable, Video-based Reconstruction of Geometry and Physical Property for Mesh-free Simulation
C. Chen, Z. Dou, C. Wang, Y. Huang, **A. Chen**, Q. Feng, J. Gu, and L. Liu.
IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) 2025
- TaskExp: Enhancing Generalization of Multi-Robot Exploration with Multi-Task Pre-Training
S. Zhu, Y. Xu, **A. Chen**, and J. Xu.
IEEE International Conference on Robotics and Automation (ICRA), 2025
- UpViTaL: Unpaired Visual-Tactile Self-Supervised Representation Learning for Dexterous Robotic Manipulation
G. Han, Q. Liu, Y. Cui, **A. Chen**, J. Chen, and Q. Ye.
IEEE International Conference on Robotics and Automation (ICRA), 2025
- MAexp: A Generic Platform for RL-Based Multi-Agent Exploration
S. Zhu, J. Zhou, **A. Chen**, M. Bai, J. Chen, and J. Xu.
IEEE International Conference on Robotics and Automation (ICRA), 2024
- InterRep: A Visual Interaction Representation for Robotic Grasping
Y. Cui, Q. Liu, **A. Chen**, Q. Ye, G. Li, and J. Chen.
IEEE International Conference on Robotics and Automation (ICRA), 2024
- CAMInterHand: Cooperative Attention for Multi-View Interactive Hand Pose and Mesh Reconstruction
G. Han, Q. Ye, **A. Chen**, and J. Chen.
IEEE International Conference on Robotics and Automation (ICRA), 2024
- ImmFusion: Robust mmWave-RGB Fusion for 3D Human Body Reconstruction in All Weather Conditions
A. Chen, X. Wang, K. Shi, S. Zhu, Y. Chen, B. Fang, J. Chen, Y. Huo, and Q. Ye.

IEEE International Conference on Robotics and Automation (ICRA), 2023

8. mmBody Benchmark: 3D Body Reconstruction Dataset and Analysis for Millimeter Wave Radar
A. Chen, X. Wang, S. Zhu, Y. Li, J. Chen, and Q. Ye.
ACM International Conference on Multimedia (ACM MM), 2022

Journals

1. AdaptiveFusion: Adaptive Multi-Modal Multi-View Fusion for 3D Human Body Reconstruction
A. Chen, X. Wang, Z. Xu, K. Shi, Y. Qin, Y. Huo, J. Chen, and Q. Ye.
IEEE Transactions on Multimedia (TMM), Accepted
2. Towards Weather-Robust 3D Human Body Reconstruction: Millimeter-Wave Radar-Based Dataset, Benchmark, and Multi-Modal Fusion
A. Chen, X. Wang, Z. Xu, K. Shi, J. Chen, Y. Huo, and Q. Ye.
IEEE Transactions on Circuits and Systems for Video Technology (TCSVT), 2024
3. Radar and Camera Fusion for Object Detection and Tracking: A Comprehensive Survey
K. Shi, S. He, Z. Shi, **A. Chen**, J. Chen, and J. Luo.
IEEE Communications Surveys and Tutorials (COMST), Accepted
4. Road-Map Aided GM-PHD Filter for Multi-Vehicle Tracking with Automotive Radar
K. Shi, Z. Shi, C. Yang, S. He, J. Chen, and **A. Chen**.
IEEE Transactions on Industrial Informatics (TII), 2021

AWARDS & SCHOLARSHIPS

Academic Scholarship of Zhejiang University
Outstanding Graduate Student of Zhejiang University

PROGRAMMING EXPERIENCE

Python, C++, C, Java, Matlab

TEACHING AND SERVICE

Reviewer: CVPR, ICRA, IROS, TCSVT, IOTJ, RAL
Teaching Assistant: Computer Vision, Zhejiang University

Spring 2022