WEICAI YE

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🎓 EDUCATION

ZheJiang University (ZJU), Hangzhou, China   2018 – Present
 Ph.D. in Computer Science (CS), supervised by Prof.Guofeng Zhang.

University of Electronic Science and Technology of China, Chengdu, China   2014 – 2018
B.S. in Computer Software Engineering (CSE)

👥 PUBLICATION

Learning Bipartite Graph Matching for Robust Camera Localization

*Hailin Yu, **Weicai Ye**, Youji Feng, Hujun Bao, Guofeng Zhang*

IEEE International Symposium on Mixed and Augmented Reality (ISMAR), 2020, (CCF B)

Saliency Guided Subdivision for Single-View Mesh Reconstruction

Hai Li, **Weicai Ye***, Guofeng Zhang, Sanyuan Zhang, Hujun Bao (* indicates equal contribution)*

International Conference on 3D Vision (3DV), 2020, (CCF C)

SuperPlane: 3D Plane Detection and Description from a Single Image

***Weicai Ye**, Hai Li, Tianxiang Zhang, Xiaowei Zhou, Hujun Bao, Guofeng Zhang*

IEEE Conference on Virtual Reality and 3D User Interfaces (VR), 2021, (CCF A)

Coxgraph: Multi-Robot Collaborative, Globally Consistent, Online Dense Reconstruction System

*Xiangyu Liu, **Weicai Ye**, Chaoran Tian, Zhaopeng Cui, Hujun Bao and Guofeng Zhang*

IEEE/RSJ International Conference on Intelligent Robots and Systems (IROS), 2021, (CCF C)

ARCargo: Multi-Device Integrated Cargo Loading Management System with Augmented Reality

*Tianxiang Zhang, Chong Bao, Hongjia Zhai, Jiazhen Xia, **Weicai Ye*** and Guofeng Zhang*

(* indicates project manager)
IEEE Cyber Science and Technology Congress (CyberSciTech), 2021

Hybrid Tracker with Pixel and Instance for Video Panoptic Segmentation

***Weicai Ye**, Xinyue Lan, Ge Su, Hujun Bao, Zhaopeng Cui and Guofeng Zhang*

Under Review, 2022, (CCF A)

Uniform Clustering based Unsupervised Domain Adaptation for Semantic Segmentation

*Ge Su, **Weicai Ye**, Jianwei Yin and Yongheng Shang*

Under Review, 2022, (CCF A)

Dynamic Objects Association and Registration without Continuous Observation

*Guanglin Li, Yifeng Li, Tao Kong, **Weicai Ye** and Guofeng Zhang*

IEEE Conference on Robotics and Automation (ICRA), 2022, Under Review, (CCF B)

👥 Experience

SenseTime Group Ltd. Hangzhou, China   Jan. 2018 – May. 2018
3D Vision Researcher Internship

3D Reconstruction of Indoor Scene of RGB-D Images

Baidu Inc. Beijing, China   Feb, 2017 – Aug, 2017
Software Engineer Internship

Video Search: Given the text and Retrieve the Related Videos.

♡ Honors and Awards

5th in ECCV2020 GigaVision Challenge.	2020
Ranked 6th among the 1945 teams in the Taobao Live Product Identification Contest.	2020
Zhijun He Outstanding Scholarship.	2019
Chiang Chen Industrial Charity Foundation Grant.	2019
Chanpion of 2018 Cloudwalk Headcount Challenge with 31,500¥ Bonus.	2019
National Encouragement Scholarship, Ranked 3rd of 111 Students.	2017
Meritorious Winner In Mathematical Contest In Modeling.	2017
1st *Prize* in Sichuan Province Contest District in China Undergraduate Mathematical Contest in Modeling.	2016