

Hang Su

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Education

University of Pennsylvania GRASP Lab, advised by Prof. Kostas Daniilidis <i>Visiting PhD Student</i>	Sept 2025 - Present
ShanghaiTech University Mobile Perception Lab, advised by Prof. Laurent Kneip <i>PhD Student in Computer Science</i>	Sept 2021 - Present
ShanghaiTech University <i>B.Eng. in Computer Science</i>	Sept 2017 – June 2021

Research

Match-Any-Events: Zero-Shot Motion-Robust Feature Matching Across Wide Baselines for Event Cameras <i>ArXiv, Paper link</i>	Nov 2025
A Linear N-Point Solver for Structure and Motion from Asynchronous Tracks <i>ICCV 2025 Highlight (Top 10%), Paper link</i> Hang Su, Yunlong Feng, Daniel Gehrig, Panfeng Jiang, Ling Gao, Xavier Lagorce, Laurent Kneip	Jul 2025
Motion-Aware Optical Camera Communication with Event Cameras <i>IEEE Robotics and Automation Letters, Paper link</i> Hang Su, Ling Gao, Tao Liu, Laurent Kneip	Nov 2024
An N-Point Linear Solver for Line and Motion Estimation with Event Cameras <i>CVPR 2024 Oral (Top 2%), Paper link</i> Ling Gao, Daniel Gehrig, Hang Su, Davide Scaramuzza, Laurent Kneip	Jun 2024
A 5-point minimal solver for event camera relative motion estimation <i>ICCV 2023 Oral (Top 2%), Paper link</i> Ling Gao*, Hang Su*, Daniel Gehrig, Marco Cannici, Davide Scaramuzza, Laurent Kneip	Oct 2023
Denoised internal models: a brain-inspired autoencoder against adversarial attacks <i>Machine Intelligence Research, Paper link</i> Kaiyuan Liu, Xingyu Li, Yurui Lai, Hang Su, Jiachen Wang, Chunxu Guo, Hong Xie, Jisong Guan, Yi Zhou	Oct 2022
Reviewer of <i>ECCV, CVPR, ICRA, IEEE TR-O, IEEE RA-L</i>	

Experience

Changan Automobile (Chongqing, China) Intern at Autonomous Driving Group	2021 Summer
Teaching Assistant (ShanghaiTech):	
Machine Learning (Lecturer: Prof. Sibeï Yang)	2021 Fall
Introduction to Programming (Lecturer: Prof. Lan Xu)	2021-2022
Computer Architecture (Lecturer: Prof. Sören Schwertfeger)	2020 Spring

Honors and Awards

<i>Outstanding Student (Top 5%)</i>	2022, 2024, 2025
<i>Merit Student (Top 10%)</i>	2023
<i>Outstanding Thesis (Top 5%)</i>	Jul 2021
<i>First Prize of National Olympiad in Informatics (Province)</i>	Nov 2016