

WEI HE

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EDUCATION

- Hong Kong University of Science and Technology (Guangzhou)**, China 02/2025 – *Present*
Ph.D. in Thrust of Urban Governance and Design
- The Hong Kong Polytechnic University**, Hong Kong SAR 01/2024 – 05/2024
M.Phil. (Discontinued) in Industrial and Systems Engineering
- Hunan University**, China 09/2018 – 06/2022
B.Sc. in Vehicle Engineering

RESEARCH EXPERIENCE

- Hong Kong University of Science and Technology (Guangzhou)**, China 06/2024 – 01/2025
Research Assistant
Supervisor: Lin Ge Kan
Collaborator: Hai-Ning Liang
- The Hong Kong Polytechnic University**, Hong Kong SAR 12/2023 – 05/2024
Research Assistant
Supervisor: Lik-Hang Lee
- Hong Kong University of Science and Technology (Guangzhou)**, China 06/2023 – 12/2023
Research Assistant
Supervisor: Lin Ge Kan

RESEARCH COLLABORATION

- University of Cambridge**, United Kingdom 11/2023 – *Present*
Mentor: Xiang Li

PUBLICATION (P: JOURNAL & CONFERENCE PAPERS; EA: EXTENDED ABSTRACTS)

- [P.6] Exploring Distributed and Co-Located Collaborative Haptic Rowing Exergames in Virtual Reality, ACM MM 2025. *Under Review*
Wei He, Xiang Li, Hai-Ning Liang, Ge Lin Kan.
- [P.5] Fixed Yet Free: A Scooter Interface for Perceptual Balance Through Visual and Bodily Interaction Loops in Metaverse, ACM MM 2025. *Under Review*
Wei He*, Xiang Li*, Per Ola Kristensson, Ge Lin Kan. (*: Equal Contribution)
- [P.4] What is Immersive Experience?, ACM Transactions on Computer-Human Interaction (ACM TOCHI). *Under Review*
Xiang Li, Wei He, Per Ola Kristensson.
- [P.3] Evaluating the Usability of Microgestures for Text Editing Tasks in Virtual Reality, IEEE Transactions on Visualization and Computer Graphics (IEEE TVCG). *Under Review*
Xiang Li, Wei He, Per Ola Kristensson.
- [EA.2] The Framework of NAVIS: Navigating Virtual Spaces with Immersive Scooters, ACM MUM 2024.
Zhixun Lin, Wei He, Xinyi Liu, Mingchen Ye, Xiang Li, Ge Lin Kan.

[P.2] **MetaDragonBoat: Exploring Paddling Techniques of Virtual Dragon Boating in a Metaverse Campus**, ACM MM 2024.

Wei He, Xiang Li, Yuzheng Chen, Shengtian Xu, Chan-in Sio, Lin Ge Kan, Lik-Hang Lee.

[P.1] **Exploring Creation Perspectives and Icon Placement Preferences for On-Body Menus in Virtual Reality**, PACM HCI: ISS 2024.

Xiang Li, Wei He, Shan Jin, Jan Gugenheimer, Pan Hui, Hai-Ning Liang, Per Ola Kristensson.

[EA.1] **Dragon Boat Simulation: An Immersive Experience Beyond Traditional Gaming**, ACM SUI 2023.

Wei He, Yuzheng Chen, Changwen Ding, Shengtian Xu, Lik-Hang Lee, Lin Ge Kan.

SERVICE

Reviewer,

ACM IMX: Full Paper 2025

ACM CHI: Late-Breaking Work 2025

ACM CHI PLAY: Work-in-Progress 2024

ACM CHI: Late-Breaking Work 2024

Demonstrator,

HKUST(GZ) UGOD Summer Camp 07/2024

HKUST(GZ) 2024 “AI + Metaverse” Campus Open Day 06/2024

AWARD & SCHOLARSHIP

HKUST(GZ) Research Assistantship, China 06/2024 – 01/2025

PolyU Research Postgraduate Scholarship, Hong Kong 01/2024 – 05/2024

A monthly stipend of HK\$ 18,470

HKUST(GZ) Research Assistantship, China 06/2023 – 12/2023

National Formula Student Combustion China, China 2021

First Prize

SKILL

Programming Language and Framework

Python, Unity3D (C#), Arduino (C++), C, R, L^AT_EX, UG NX, CAD.

Language

Chinese (Native), English (Professional, IELTS: 6.5), Japanese (Basic).

REFERENCE

Lin Ge Kan

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Hai-Ning Liang

Associate Professor at the Hong Kong University of Science and Technology (Guangzhou)

Email: hainingliang@hkust-gz.edu.cn

Xiang Li

PhD at the University of Cambridge

Student Fellow at the Leverhulme Centre for the Future of Intelligence

Email: xl529@cam.ac.uk