

Sponsors:



School of Creative Media
香港城市大學
City University of Hong Kong



THE HONG KONG
UNIVERSITY OF SCIENCE AND
TECHNOLOGY (GUANGZHOU)

GBA HCI Forum (gbahci.com) Pre-CHI 2024

9:00 - 9:20 a.m. @ Creative Media Centre M5050

Welcome Reception

Please sign-up & collect your name tags before you enter the room M5050

9:20 - 9:50 a.m. @ Creative Media Centre M5050

Opening

Speaker: Prof. Shengdong Zhao, Prof. Mingming Fan
Prof. AARSETH, Espen Johannes, Prof. Kang Zhang

Session A-1

10:00 a.m. - 12:00 p.m.

Host: Xuyu Yang

@Creative Media Centre M5050

#A-1-1-Re (10:00 - 10:15 a.m.) Susan Lin

Rambler: Supporting Writing With Speech via LLM-Assisted Gist Manipulation

#A-1-2-HK (10:15 - 10:30 a.m.) Minhui Liang
& Zhuoyang (Ellen) Li

StayFocused: Examining the Effects of Reflective Prompts and Chatbot Support on Compulsive Smartphone Use

#A-1-3-HK (10:30 - 10:45 a.m.) Junze LI

DiaryHelper: Exploring the Use of an Automatic Contextual Information Recording Agent for Elicitation Diary Study

#A-1-4-GZ (10:45 - 11:00 a.m.) Yulin Shen

Neural Canvas: Supporting Scenic Design Prototyping by Integrating 3D Sketching and Generative AI

#A-1-5-HK (11:00 - 11:15 a.m.) Jiaxiong Hu

Designing Scaffolding Strategies for Conversational Agents in Dialog Tasks of Neurocognitive Disorders Screening

#A-1-6-HK (11:15 - 11:30 a.m.) Chengbo Zheng

Charting the Future of AI in Project-Based Learning: A Co-Design Exploration with Students

#A-1-7-HK (11:30 - 11:45 a.m.) Haotian Li

Where Are We So Far? Understanding Data Storytelling Tools from the Perspective of Human-AI Collaboration

#A-1-8-GZ (11:45 a.m. - 12:00 p.m.) Dr. Yucheng Jin

Exploring the Design of Generative AI in Supporting Music-based Reminiscence for Older Adults

Session A-2

10:00 a.m. - 12:00 p.m.

Host: Fan Zhang

@Creative Media Centre M3090

#A-2-1-GZ (10:00 - 10:15 a.m.) Yuxin Ma

AirPush: A Pneumatic Wearable Haptic Device Providing Multi-Dimensional Force Feedback on a Fingertip

#A-2-2-HK (10:15 - 10:30 a.m.) Xiaoyu Chang

Dances with Drones: Spatial Matching and Perceived Agency in Improvised Movements with Drone and Human Partners

#A-2-3-HK (10:30 - 10:45 a.m.) Zeyu Huang

Sharing Frissons among Online Video Viewers: Exploring the Design of Affective Communication for Aesthetic Chills

#A-2-4-Re (10:45 - 11:00 a.m.) Qian Zhu

Make Interaction Situated: Designing User Acceptable Interaction for Situated Visualization in Public Environment.

#A-2-5-GZ (11:00 - 11:15 a.m.) Yilong Lin

ArmDeformation: Inducing the Sensation of Arm Deformation in Virtual Reality Using Skin-Stretching

#A-2-6-GZ (11:15 - 11:30 a.m.) Zeyu Xiong

FetchAid: Making Parcel Lockers More Accessible to Blind and Low Vision People With Deep-learning Enhanced Touchscreen Guidance, Error-Recovery Mechanism, and AR-based Search Support

#A-2-7-Re (11:30 - 11:45 a.m.) Yunpeng Bai

Heads-Up Multitasker: Simulating Attention Switching On Optical Head-Mounted Displays

#A-2-8-GZ (11:45 a.m. - 12:00 p.m.) Dr. Pengcheng An

EmoWear: Exploring Emotional Teasers for Voice Message Interaction on Smartwatches

12:00 - 13:00 p.m. @ Creative Media Centre M5050

Lunch Break

& Poster/Demo Set-up & Group Photo Taking

Session B-1**13:00 - 15:15 p.m.**Host: Zhuoyang (Ellen) Li
@Creative Media Centre M5050

- #B-1-1-GZ (13:00 - 13:15 p.m.) **Yihan Hou**
C2Ideas: Supporting Creative Interior Color Design Ideation with Large Language Model
- #B-1-2-HK (13:15 - 13:30 p.m.) **Qingyu Guo**
Exploring the Evolvement of Artwork Descriptions in Online Creative Community under the Surge of Generative AI
- #B-1-3-HK (13:30 - 13:45 p.m.) **Yanna Lin**
Facilitating Insight Communication in Computational Notebooks
- #B-1-4-GZ (13:45 - 14:00 p.m.) **Yuanning Han**
When Teams Embrace AI: Human Collaboration Strategies in Generative Prompting in a Creative Design Task
- #B-1-5-HK (14:00 - 14:15 p.m.) **Liwenhan Xie**
Wakey-Wakey: Animate Text by Mimicking Characters in a GIF
- #B-1-6-HK (14:15 - 14:30 p.m.) **Shuai Ma**
"Are You Really Sure?" Understanding the Effects of Human Self-Confidence Calibration in AI-Assisted Decision Making
- #B-1-7-GZ (14:30 - 14:45 p.m.) **Baihui Chen**
Understanding Socio-technical Opportunities for Enhancing Communication Between Older Adults and their Remote Family
- #B-1-8-HK (14:45 - 15:00 p.m.) **Latisha Besariani Hendra**
Eternagram: Probing Player Attitudes Towards Climate Change Using a ChatGPT-driven Text-based Adventure
- #B-1-9-GZ (15:00 - 15:15 p.m.) **Dr. Zhenhui Peng**
Augmenting Human Intelligence with User- and AI-Generated Content

Session B-2**13:00 - 15:15 p.m.**Host: Jingjing Zhang
@Creative Media Centre M3090

- #B-2-1-HK (13:00 - 13:15 p.m.) **Dr. Ray LC**
IMPROVISING WITH CONSTRAINTS: Movement-based and Environment-based Interactions for Performing with Technology
- #B-2-2-GZ (13:15 - 13:30 p.m.) **Zhan Wang**
VirtuWander: Enhancing Multi-modal Interaction for Virtual Tour Guidance through Large Language Models
- #B-2-3-GZ (13:30 - 13:45 p.m.) **Zeyu Xiong**
It Is Hard to Remove from My Eye": Design Makeup Residue Visualization System for Chinese Traditional Opera (Xiqu) Performers
- #B-2-4-Re (13:45 - 14:00 p.m.) **Felicia Tan**
AudioXtend: Assisted Reality Visual Accompaniments for Audiobook Storytelling During Everyday Routine Tasks
- #B-2-5-GZ (13:00 - 14:15 p.m.) **Xiaofu Jin**
Exploring the Opportunity of Augmented Reality (AR) in Supporting Older Adults to Explore and Learn Smartphone Applications
- #B-2-6-GZ (14:15 - 14:30 p.m.) **Zhiqing Wu**
Toward Making Virtual Reality (VR) More Inclusive for Older Adults: Investigating Aging Effect on Target Selection and Manipulation Tasks in VR
- #B-2-7-HK (14:30 - 14:45 p.m.) **Dr. Pingchuan Ke**
A skin-integrated multimodal haptic interface for immersive tactile feedback
- #B-2-8-Re (14:45 - 15:00 p.m.) **Nuwan Janaka**
Towards Intelligent Wearable Assistants
- #B-2-9-HK (15:00 - 15:15 p.m.) **Dr. Ziqian Bai**
Wearable Textile Sensors and Tangible Interaction

15:15 - 16:00 p.m.

@ Creative Media Centre M5050

Tea Break & Poster/Demo Presentation

Session C-1**16:00 - 18:00 p.m.**

Host: Chengbo Zheng

@Creative Media Centre M5050

#C-1-1-GZ (16:00 - 16:15 p.m.) Di Liu

"When He Feels Cold, He Goes to the Seahorse"—Blending Generative AI into Multimaterial Storymaking for Family Expressive Art Therapy

#C-1-2-HK (16:15 - 16:30 p.m.) Yue Deng

Persuasion or Insulting? Unpacking Discursive Strategies of Gender Debate in Everyday Feminism in China.#C-1-3-Re (16:30 - 16:45 p.m.) Dr. Qinyuan Lei
& Ran Tang*A Game of Love for Women: Social Support in Otome Game Mr. Love: Queen's Choice in China*

#C-1-4-GZ (16:45 - 17:00 p.m.) Hua Xuan (Amy) Qin

CharacterMeet: Supporting Creative Writers' Entire Story Character Construction Processes Through Conversation with LLM-Powered Chatbot Avatars

#C-1-5-HK (17:00 - 17:15 p.m.) Dr. Yuhan Luo

Scaling up personalized health support in everyday life

#C-1-6-HK (17:15 - 17:30 p.m.) Dr. Zhida Sun

Enhancing Creative Ideation with Conceptual Metaphors

#C-1-7-HK (17:30 - 17:45 p.m.) Dr. Can Liu

AI-assisted Semantic Augmentation of Input Experience

#C-1-8-HK (17:45 - 18:00 p.m.) Dr. Zhicong Lu

*More Kawaii than a Real-Person Live Streamer: Understanding How the Otaku Community Engages with and Perceives Virtual YouTubers***Session C-2****16:00 - 18:00 p.m.**

Host: Rui Yao

@Creative Media Centre M3090

#C-2-1-Re (16:00 - 16:15 p.m.) Shaojun Cai

Navigating Real-World Challenges: A Quadruped Robot Guiding System for Visually Impaired People in Diverse Environments

#C-2-2-HK (16:15 - 16:30 p.m.) Runze Cai

PANDALens: Towards AI-Assisted In-Context Writing on OHMD During Travels

#C-2-3-GZ (16:30 - 16:45 p.m.) Yingna WANG

Designing Upper-Body Gesture Interaction with and for People with Spinal Muscular Atrophy in VR

#C-2-4-HK (16:45 - 17:00 p.m.) Kexue Fu

"Being Eroded, Piece by Piece": Enhancing Engagement and Storytelling in Cultural Heritage Dissemination by Exhibiting GenAI Co-Creation Artifacts

#C-2-5-GZ (17:00 - 17:15 p.m.) Rong HUANG

PlantoGraphy: Incorporating Iterative Design Process into Generative Artificial Intelligence for Landscape Rendering

#C-2-6-GZ (17:15 - 17:30 p.m.) Peixuan Xiong

To Reach the Unreachable: Exploring the Potential of VR Hand Redirection for Upper Limb Rehabilitation

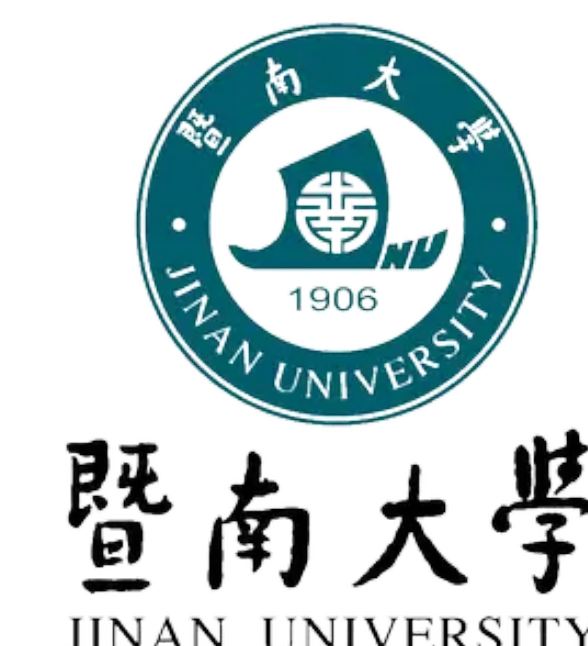
#C-2-7-HK (17:30 - 17:45 p.m.) Janice Jianing Si

*Understanding User-Perceived Security Risks and Mitigation Strategies in the Web3 Ecosystem***18:00 - 18:30 p.m.** @ Creative Media Centre M5050**Closing Keynote & Award Ceremony**

Speaker: Prof. Shengdong (Shen) Zhao, Prof. Mingming Fan

18:45 - 20:30 p.m. @ City Chinese Restaurant,
8/F, Bank of China (Hong Kong) Complex**Dinner**

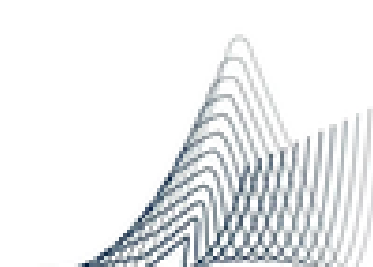
We kindly request that you present your name tag and complete the sign-up process before entering the restaurant.

Doctoral Consortium 10:00 a.m. - 12:00 p.m.**Mentors: Dr. Zhicong Lu, Dr. Jiannan Li, Dr. Xin Tong****@ Creative Media Centre M4001****10:00 - 10:30 Yuxuan Huang****The Future of Human-AI Collaboration in the Wave of Entanglement HCI****10:30 - 11:00 Qian Wan****Unraveling the Impact of Artificial Intelligence on Human Creativity****11:00 - 11:30 Qingyu Guo****Understanding the Temporal Rhythm of User Engagement in Online Creative Community with Data-Driven Approaches****11:30 - 12:00 Siying Hu****Designing Human-AI Collaboration for Promoting Prosocial Behaviors****Livestreaming Links****For the Opening, Session A-1,
Session B-1, Session C-1 and
Closing Keynote:**<https://nus-sg.zoom.us/j/4185983277?omn=86804500115>**For Session A-2, Session B-2 and
Session C-2:**<https://nus-sg.zoom.us/j/82900044460?pwd=UW5ZeC9LeKtUTFRicU9MY0t0RkNrZz09#success>**For Doctoral Consortium:**<https://nus-sg.zoom.us/j/84951171705?pwd=VTFxRDN3QnBxU3gveW12bVczVlZYUT09>**Acknowledgment****Contact Us****General Inquiries - CityU**

- Xi Zheng: xi.zheng@cityu.edu.hk
- Zhuoyang (Ellen) Li: ellen.li@cityu.edu.hk

IT Support - CityU

- Xingyu Yang: xingyyang8-c@my.cityu.edu.hk

**APEX**
Accessible & Pervasive
User EXperience Lab**General Inquiries - HKUST (GZ)**

- Mengyang Wang: mengyangwang@hkust-gz.edu.cn

IT Support - HKUST (GZ)

- Yuchao Zhuo: yzhuo332@connect.hkust-gz.edu.cn