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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 p.m.) Yue Lin

AgileFingers: Authoring AR Character Animation Through Hierarchical and Embodied Hand Gestures

#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 - 15:00 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

OutlineSpark: Igniting AI-powered Presentation Slides Creation from Computational Notebooks through Outlines

#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***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.) 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

#C-2-4-GZ (16:45 - 17:00 p.m.) Yingna WANG

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

#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

#C-2-8-HK (17:45 - 18:00 p.m.) Kexue Fu

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

Time: TBD (~Half day)

Location: Creative Media Centre M4001

Host: Dr. Zhicong Lu

Call for applications

For more details, please refer to <https://gbahci.com/doctoral/>

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=UW5ZeC9LektUTFRlcU9MY0t0RkNrZz09>

For Doctoral Consortium:



<https://nus-sg.zoom.us/j/84951171705?pwd=VTFxRDN3QnBxU3gyeW12bVczVlZYUT09>

Acknowledgment



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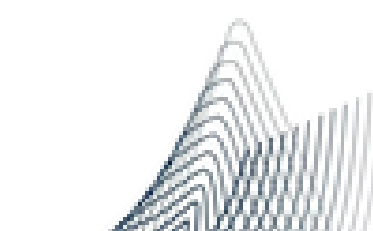


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