Kyungeun Jung

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RESEARCH INTEREST

Haptics

Wearable Interface

Human Motions

EDUCATION

Korea Advanced Institute of Science and Technology (KAIST)	Daejeon, Korea
Ph.D in Culture Technology (Advisor: Sang Ho Yoon)	*Sep 2024 - Present*
Korea Advanced Institute of Science and Technology (KAIST)	Daejeon, Korea
M.S. in Culture Technology (Advisor: Sang Ho Yoon)	*Sep 2022 - Present*
Dongguk University	Seoul, Korea
Multimedia Engineering, Department of Engineering	*Feb 2018 - July 2022*

HONORS AND AWARDS

Popular Choice Winner (HCI Tech Lab) | CHI'24	2024
Best Poster Award | HCI Korea'24	2024
Best Demo Award (1st Prize) | Korea Haptics Conference'23	2023
People's Choice Best Demo Award | UIST'23	2023

PUBLICATIONS

International Journal

- **Kyungeun Jung**, Sangpil Kim, Seungjae Oh, Sang Ho Yoon "HapMotion: motion-to-tactile framework with wearable haptic devices for immersive VR performance experience", *Virtual Reality (Springer), 2024, 28(1), 13.*

International Conference

- **Kyungeun Jung**, Sang Ho Yoon "Mo2Hap: Rendering VR Performance Motion Flow to Upper-body Vibrotactile Haptic Feedback", *In Adjunct Proceedings of the 36th Annual ACM Symposium on User Interface Software and Technology 2023 (UIST'23 Demo)*

- **Kyungeun Jung**, KunWoo Song "ThumbJoy: Using the Thumb's Metacarpophalangeal Joint as a Joystick Input Device", *In 2023 IEEE International Symposium on Mixed and Augmented Reality Adjunct (ISMAR-Adjunct) (pp. 663-666) (ISMAR'23 Poster)*

- **Kyungeun Jung**, Seungjae Oh, Sang Ho Yoon "Mo2Hap: Rendering performer's Motion Flow to Upper-body Vibrotactile Haptic Feedback for VR performance." *In 2023 IEEE Conference on Virtual Reality and 3D User Interfaces Abstracts and Workshops (VRW) (pp. 579-580). (IEEE VR'23 Poster)*

PATENTS

Character Motion-based Haptic Feedback Methodology \| *KR 10-2023-0116552*   Application Date: Sep, 2023
Kyungeun Jung and Sang Ho Yoon

INVITED TALKS

Invited Talk at Korea Haptics Conference 2024	Aug 2024
Title:Motion-to-tactile framework with wearable haptic devices for immersive VR performance experience	

Academic Services

Committee
- HCI@KAIST 2024 Committee   (Organizer for HCI@KAIST Reception at CHI'24)
- HCI@KAIST 2023 Committee   (Organizer and Moderator for CHI'24 Pre-workshop held in 2023)

Student Volunteer
- Korea Haptics Conference'23

Reviewing
- CSCW'23, CHI LBW'24, DIS'24, CHI PLAY'24, CSCW'24 Poster

Teaching Assistant

Interactive Haptic Technologies | KAIST GCT722	2023
Smart Factory for Human-Machine Collaboration | KAIST CoE491	2024

Extra Curricula Activities

Amateur Bassist	Since 2021
Hyundai Automobile Company Global Volunteering	2018
Jeonju International Film Festival Interpreter Volunteer	2017
Jecheon International Music Film Festival Interpreter Volunteer	2017