

CV_Hyungjun Cho

HYUNGJUN CHO

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EMPLOYMENT

University of Florida, School of Art + Art History
Assistant Professor
Gainesville, FL, United States
Aug 2025 –

Kyoto University / Visiting Scholar
Mentor: Naomi Yamashita
Kyoto, Japan
May 2025 – Aug 2025

Michigan State University / Visiting Scholar
Mentor: Hee Rin Lee
East Lansing, MI, United States
Sep 2024 – Apr 2025

EDUCATION

KAIST
Ph.D. in Industrial Design
Committee: Tek-Jin Nam (Chair), Hwajung Hong, Changhee Lee, Heekyoung Jung, Daisy Yoo
Daejeon, South Korea
Feb 2025

KAIST
M.S. in Industrial Design
Daejeon, South Korea
Feb 2020

KAIST
B.S. in Industrial Design
Daejeon, South Korea
Feb 2018

PUBLICATIONS

CONFERENCE PAPERS AND PICTORIALS (PEER-REVIEWED)

- [C.11] **An In-the-Wild Study on Measuring Social Presence in Remote Family Communication with Telepresence Robots**
Jiyeon Amy Seo, Hyungjun Cho, Huajie Cao, and Hee Rin Lee
IEEE International Conference on Robot and Human Interactive Communication (RO-MAN 2025)
- [C.10] **LO: A Speculative Domestic Technology That Lives and Dies Along with Its User**
Jiyeon Lee, Chang-Min Kim, Jisu Park, Hyungjun Cho, and Tek-Jin Nam
ACM Designing Interactive Systems Conference (DIS 2025)
- [C.9] 🏆 **Best Paper Honorable Mention Award (Top 5% of submissions)**
ShamAI: Designing Superior Conversational AI Inspired by Shamanism
Hyungjun Cho, Jiyeon Amy Seo, Jiwon Lee, Chang Min Kim, and Tek-Jin Nam
ACM Conference on Human Factors in Computing Systems (CHI 2025)

- [C.8] **Living Alongside Areca: Exploring Human Experiences with Things Expressing Thoughts and Emotions**
Hyungjun Cho and Tek-Jin Nam
ACM Conference on Human Factors in Computing Systems (CHI 2025)
- [C.7] **Back to the 1990s, BeeperRedux!: Revisiting Retro Technology to Reflect Communication Quality and Experience in the Digital Age**
 Jiyeon Amy Seo, Hyungjun Cho, Seolhee Lee, and EunJeong Cheon
ACM Conference on Human Factors in Computing Systems (CHI 2025)
- [C.6] **The Effect of In-Car Agent Embodiment on Different Types of Information Delivery**
 Bonhee Ku, Chang-Min Kim, Hyungjun Cho, Jisu Park, and Tek-Jin Nam
ACM Conference on Human Factors in Computing Systems (CHI 2025)
- [C.5] **Understanding the relationship between in-car agent’s embodiments and information with different criticality**
 Bonhee Ku, Hyungjun Cho, and Tek-Jin Nam
Congress of the International Association of Societies of Design Research (IASDR 2023)
- [C.4]  **Best Paper Honorable Mention Award (Top 5% of submissions)**
Areca: A Design Speculation on Everyday Products Having Minds
Hyungjun Cho, Jiyeon Lee, Bonhee Ku, Yunwoo Jeong, Shakhnozakov Yadgarova and Tek-Jin Nam
ACM Designing Interactive Systems Conference (DIS 2023)
- [C.3] **AutomataStage: an AR-mediated Creativity Support Tool for Hands-on Multidisciplinary Learning**
 Yunwoo Jeong, Hyungjun Cho, Taewan Kim, and Tek-Jin Nam
ACM Conference on Human Factors in Computing Systems (CHI 2023)
- [C.2] **Understanding AI-Generated Personal Narratives as Design Material for Socially Engaging Things**
Hyungjun Cho, Gyungwon Yun, Jiyeon Lee, and Tek-Jin Nam
Congress of the International Association of Societies of Design Research (IASDR 2021)
- [C.1] **IoTIZER: A Versatile Mechanical Hijacking Device for Creating Internet of Old Things**
Hyungjun Cho, Hanjong Kim, Jiyeon Lee, Chang Min Kim, Jinsung Bae, and Tek-Jin Nam
ACM Designing Interactive Systems Conference (DIS 2021)

JOURNAL ARTICLES

- [J.2] **The story of Beau: Exploring the potential of generative diaries in shaping social perceptions of robots**
Hyungjun Cho and Tek-Jin Nam
International Journal of Design (IJD 2023)
- [J.1] **M.Integrator: A Maker’s Tool for Integrating Kinetic Mechanisms and Sensors**
 Yunwoo Jeong, Hanjong Kim, Hyungjun Cho, and Tek-Jin Nam
International Journal on Interactive Design and Manufacturing (IJIDeM 2020)

ORGANIZED CONFERENCE WORKSHOPS

- [W.1] **Design Knowledge in AI: Navigating Temporality and Continuity**
Hyungjun Cho, Jiyeon Amy Seo, Heekyoung Jung, EunJeong Cheon, Woosuk Seo,
Maria Luce Lupetti, James Pierce, and Graham Dove
ACM Designing Interactive Systems Conference (DIS 2025)

DOCTORAL CONSORTIUM

- [DC.1] **Reimagining Human-Thing Interactions Through Iterative Posthumanist Design Speculations**
Hyungjun Cho
ACM Designing Interactive Systems Conference (DIS 2024)

UNDER REVIEW & WORKING PAPERS

- [WP.3] **Navigating Digital Proxemics: Designing Communication Technologies for Interpersonal Relationship Management**
Jiyeon Amy Seo, Hyungjun Cho, Florian Schaub, and Gabriela Marcu
- [WP.2] **Technology Redux: Revisiting Past, Reflecting Present, Provoking Future**
Jiyeon Amy Seo, Soobin Park, EunJeong Cheon, Youn-kyung Lim, and Hyungjun Cho
- [WP.1] **When and Why HCI Researchers Design**
Jiyeon Amy Seo, Woosuk Seo, Yongjae Sohn, Soobin Park, Heejae Bae, and Hyungjun Cho
- [UR.4] **Bridging Generational Gaps in Mobile Communication through Co-Design with Grandparents and Grandchildren**
Jiyeon Amy Seo, Seolhee Lee, and Hyungjun Cho
- [UR.3] **Hi PRESENTLY! How Do I Look in Text?: Supporting Self-Presentation in Hierarchical Workplace Communication with AI**
Jiyeon Amy Seo, Hyungjun Cho, and Naomi Yamashita
- [UR.2] **AmongOthers: A Design Speculation for Rethinking AI in Online Social Communities**
Hyungjun Cho, Jiyeon Amy Seo, Woosuk Seo, and Naomi Yamashita
- [UR.1] **Thing Ethnography in a Factory: Exploring Emergent and Dynamic Relations of Cobots and Workers**
Hyungjun Cho, Jiyeon Amy Seo, Yongjae Sohn, and Hee Rin Lee

DEMOS & EXHIBITIONS

ShamAln Crossing Over: Innovation and Boundaries	Seoul, Korea Dec 2024
AutomataStage France en Corée – Culture	Paris, France Jun 2024
Areca DIS 2023 Demo Session	Pittsburgh, PA, USA Jul 2023
AutomataStage CHI 2023 Interactivity Session	Hamburg, Germany Apr 2023

Areca KAIST X DDP Collaborative Exhibition (Interactive Minds and Ideas)	Seoul, Korea Dec 2022
MCM Korea International Medical & Hospital Equipment Show	Seoul, Korea Feb 2021
Xhaust Dubai Design Week, Global Grad Show	Dubai, UAE Nov 2018
RemoteGO ID KAIST Grad Show	Daejeon, Korea Dec 2017

AWARDS AND GRANTS

Honorable Mention Award ACM CHI 2025	Apr 2025
Honorable Mention Award ACM DIS 2023	Jul 2023
Global Leadership Award in Creativity KAIST	Feb 2022
Research Grant (\$12,000) National Research Foundation of Korea	Sep 2021
Red Dot winner 2021, Best of Best KARE MCM, Mobile Negative Pressure Isolation Ward, Red-dot Design Award https://www.red-dot.org/project/kare-mcm-49488	Apr 2021
iF Design Award Discipline Professional Concept IoTIZER, iF Design Award https://ifdesign.com/en/winner-ranking/project/iotizer/316453	Mar 2021
iF Design Award Discipline Interior Architecture KARE: Mobile Clinic Module, iF Design Award https://ifdesign.com/en/winner-ranking/project/kare-mobile-clinic-module/318256	Mar 2021
Best Paper Award DSUS, KSDS	Feb 2017
First Prize Social Problem Solving Idea Sketch Competition, KAIST	Oct 2015

TEACHING EXPERIENCES

Instructor

- [GRA6930] MXD Seminar: Introduction to HCI for Designers (2025 Fall, University of Florida)

Teaching Assistant

- Interaction Prototyping (2023 Fall, KAIST)
- Catch the Future Seminar (2023 Spring, KAIST)
- Design Project 1 (2022 Spring, KAIST)
- Portfolio and Exhibition Design (2022 Spring, KAIST)

- Design Research Issues (2021 Fall, KAIST)
- Interactive Product Design (2021 Spring, KAIST)

INVITED TALKS

Sungkyunkwan University (Host : Hayeon Song) Design Speculations for Reimagining Human-Thing Relationships	May 2025
KAIST, Design Futures: AI & Society Course Guest Lecture Speculative Design Approach for Human-Computer Interaction Research	May 2025
University of Florida (Host : Frederick Van Amstel) An Alternative Way for Designers to Engage with Technological Development	May 2025
Virginia Tech (Host : Brook Kennedy) Designing Emerging Technologies with Alternative Perspectives	Mar 2025
University of Florida (Host : Dori Griffin) Designing Emerging Technologies with Alternative Perspectives	Mar 2025
Washington University in St. Louis (Host : Jonathan Hannahan) Designing Emerging Technologies with Alternative Perspectives	Feb 2025
RCA X KARTS Workshops Guest Lecture Experience and Reflection on LLM as a Design Researcher	Jun 2024
KARTS, Interaction Design 2 Course Guest Lecture Relationship Between Technologies and Considerations of Interaction Design	Oct 2023
KARTS, Interaction Design 1 Course Guest Lecture Personal Projects and Research of Speculative Design	May 2023
KAIST, Introduction to Industrial Design Course Guest Lecture Designing Tangible Things for Research	Apr 2022

PROFESSIONAL SERVICES

Committee / Organizer

- ACM CHI 25' - 26' Papers Program Committee in Design, Associate Chair
- ACM/IEEE HRI 26' Papers Program Committee in Design, Area Chair
- ACM DIS 25' Pictorials Program Committee, Associate Chair
- ACM DIS 25' Work-in-Progress Committee, Associate Chair

Invited Reviewer

- ACM MindTrek 25' Pictorials
- ACM DIS 25' Papers
- ACM CHI 25' Late Breaking Works
- ACM CHI 24' Papers
- ACM DIS 24' Pictorials
- IASDR 23' Papers
- ACM CHI PLAY 22' Papers
- ACM CHI 22' Late Breaking Works

Special Recognition for Outstanding Review

- CHI 2025 (2), DIS 2025

SELECTED PRESS

New Year's Fortune? Ask the 'AI Shaman'... Is AI the Devil or a Savior? https://www.hankookilbo.com/News/Read/A2025012616060002209?did=NA	The Korea Times Jan 2025
Now AI Can Tell Fortunes...KAIST's AI Shrine Gains Attention https://www.donga.com/news/Society/article/all/20241216/130649655/2	The Dong-A Ilbo Dec 2024
AI Shaman, I Kneled and Asked: "Should I Buy a House Next Year?" https://tinyurl.com/4ezrh7ad	Chosun Media Dec 2024
"What Will Happen to Shamans Now?" A Mysterious 'Shrine' Emerges https://biz.heraldcorp.com/article/10016172	The Korea Herald Economy Dec 2024
An Air Purifier Writes a Diary https://www.inews24.com/view/1623252	iNews24 Aug 2023
"A Diary-Writing Air Purifier" Wins an International Pictorial Award https://www.lecturenews.com/news/articleView.html?idxno=133570	Korea Lecturer News Aug 2023
"COVID-19 Hospital Beds on the Move" https://news.kbs.co.kr/news/pc/view/view.do?ncd=5089512&ref=A	KBS News Jan 2021

PATENTS

Mobile Waste Water Treatment Device

(No. 10-2021-0159552, Korea)

Mobile Expansion Type Negative Pressure Ward Module Outdoor Tent

(No. 30-2021-0040815, Korea)

Assembled air tent for building plaza

(No. 30-2021-0040814, Korea)

Everyday products that write diaries based on collected data and learned model

(No. 10-2023-0121875, Korea)

SKILLS

Machine Shops

- 3D Printing; Laser Cutting; CNC Routing; Milling; Resin Casting;

2D Design Tools

- Illustrator; Photoshop; InDesign; Premiere Pro; After Effects; Adobe XD; Figma; ProtoPie

3D Design Tools

- Inventor; Fusion 360; Rhino; AutoCAD; SketchUp; Keyshot;

Physical Computing

- Arduino; MicroPython; Raspberry Pi;

- EasyEDA;

Programming and Statistics

- Python; HTML/CSS; JavaScript; Node.js; Processing;
- R; SPSS;

Qualitative Research Methods

- In-depth Interview; Field Deployment; Co-Design Workshop; Participatory Design; Ethnography; Contextual Inquiry; Diary Study; Co-Speculation;

Quantitative Research Methods

- Survey; Factorial Experiment;

Languages

- Native Korean; Fluent English; Basic Japanese;