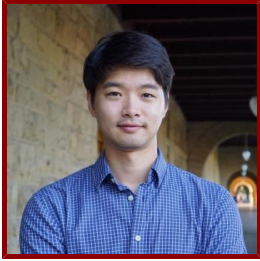


Stanford



Lawrence Kim

Postdoctoral Research Fellow, Psychiatry

Bio

HONORS AND AWARDS

- Best Paper Honorable Mention, ACM CHI (2020)
- Best Paper Honorable Mention, ACM CHI (2019)
- Best Paper Award, ACM UIST (2016)
- PhD Fellowship, Samsung Scholarship (2016-2020)

PROFESSIONAL EDUCATION

- Doctor of Philosophy, Stanford University , CS-PMN (2020)
- Doctor of Philosophy, Stanford University , ME-PHD (2020)
- Master of Science, Stanford University , ME-MS (2016)
- Bachelor, University of Illinois at Urbana-Champaign , Mechanical Engineering (2013)
- Masters, Stanford University , Mechanical Engineering (2015)

LINKS

- lhkim.com: <https://www.lhkim.com/>

Research & Scholarship

LAB AFFILIATIONS

- Pablo Paredes Castro, Pervasive Wellbeing Technology Lab (9/15/2020)
- Sean Follmer, Shape Lab (2/1/2016 - - 9/14/2020)

Publications

PUBLICATIONS

- **User-Defined Swarm Robot Control** *Proceedings of the 2020 CHI Conference on Human Factors in Computing Systems*
Kim, L. H., Drew, D. S., Domova, V., Follmer, S.
Association for Computing Machinery.2020: 13
- **SwarmHaptics: Haptic Display with Swarm Robots**
Kim, L. H., Follmer, S., Assoc Comp Machinery
ASSOC COMPUTING MACHINERY.2019
- **VPS Tactile Display: Tactile Information Transfer of Vibration, Pressure, and Shear** *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies*

Kim, L. H., Castillo, P., Follmer, S., Israr, A.

2019; 3 (2): 17

- **Investigating Tangible Collaboration for Design Towards Augmented Physical Telepresence** *DESIGN THINKING RESEARCH: MAKING DISTINCTIONS: COLLABORATION VERSUS COOPERATION*
Siu, A. F., Yuan, S., Pham, H., Gonzalez, E., Kim, L. H., Le Goc, M., Follmer, S., Plattner, H., Meinel, C., Leifer, L.
2018: 131–45
- **UbiSwarm: Ubiquitous Robotic Interfaces and Investigation of Abstract Motion as a Display** *Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies*
Kim, L. H., Follmer, S.
2017; 1 (3): 20
- **Robotic Assembly of Haptic Proxy Objects for Tangible Interaction and Virtual Reality**
Zhao, Y., Kim, L. H., Wang, Y., Le Goc, M., Follmer, S., Assoc Comp Machinery Special Interest Grp Comp Human Interact
ASSOC COMPUTING MACHINERY.2017: 82–91
- **Zooids: Building Blocks for Swarm User Interfaces** *UIST 2016: PROCEEDINGS OF THE 29TH ANNUAL SYMPOSIUM ON USER INTERFACE SOFTWARE AND TECHNOLOGY*
Le Goc, M., Kim, L. H., Parsaei, A., Fekete, J., Dragicevic, P., Follmer, S.
2016: 97-109
- **Haptic Edge Display for Mobile Tactile Interaction** *CHI '16 Proceedings of the 2016 CHI Conference on Human Factors in Computing Systems*
Jang, S., Kim, L. H., Tanner, K., Ishii, H., Follmer, S.
2016: 3706–3716
- **Effects of Master-Slave Tool Misalignment in a Teleoperated Surgical Robot**
Kim, L. H., Bargar, C., Che, Y., Okamura, A. M., IEEE
IEEE COMPUTER SOC.2015: 5364–70
- **Design and Evaluation of a Trilateral Shared-Control Architecture for Teleoperated Training Robots**
Shamaei, K., Kim, L. H., Okamura, A. M., IEEE
IEEE.2015: 4887–93