

Xinrui Fang
xinrui.fang@iis-lab.org
xinrui.design
The University of Tokyo
7-3-1 Hongo, Bunkyo-ku, Tokyo
113-0033 JAPAN

Education

2024, Apr. - Present	The University of Tokyo, Japan Doctoral Student, Emerging Design and Informatics, Graduate School of Interdisciplinary Information Studies Advisor: Prof. Koji Yatani
2020, Apr. - 2022, Mar.	Keio University, Japan M.S., Information and Computer Science School of Science for Open and Environmental Systems Advisor: Prof. Yuta Sugiura
2015, Sept. - 2019, Jun.	Dalian University of Technology, China B.Sc., Digital Media Technology School of Software Study abroad: TU Darmstadt, Germany Advisor: Prof. Zhihui Wang

Research & Work Experience

2024, Apr. - Present	Research Assistant, IIS Lab , The University of Tokyo, (Advisor: Prof. Koji Yatani)
2022, Apr. - 2024, Mar.	Software Engineer, Rakuten Group, Inc. , Tokyo, Develop Rakuten Cash backend service
2021, Nov. - 2022, Mar.	Research Assistant, Inoue lab , Keio University, (Advisor: Prof. Masaki Inoue)
2021, Jun. - 2021, Oct.	Research Intern, ERFI lab , City University of Hong Kong, (Advisor: Prof. Can Liu)
2020, Apr. - 2022, Mar.	Master Student, Lifestyle Computing Lab , Keio University, (Advisor: Prof. Yuta Sugiura)

Awards & Honors

2025	JSPS Research Fellowships for Young Scientists (DC2) (2026.04-2028.03)
2024	SPRING GX Fellowship (2024.04-2026.03)
2021	Sony Sensing Solution Hackthon: Outstanding Award (¥100,000)
2021	Keio University Graduate School Scholarship (¥500,000)
2021	KF-ICC Scholarship (¥720,000)
2020	Fujiwara Scholarship (¥50,000)

2020 JASSO Scholarship (¥480,000)

Publications

 [Google Scholar](#)

Peer-Reviewed Journal Articles

- J1. Chengshuo Xia, **Xinrui Fang**, Riku Arakawa & Yuta Sugiura. VoLearn: A Cross-Modal Operable Motion-Learning System Combined with Virtual Avatar and Auditory Feedback. *Proc. ACM Interact. Mob. Wearable Ubiquitous Technol.* (IMWUT'22) 6. <https://doi.org/10.1145/3534576> (2022).
- J2. M Takeda, M Inoue, **Xinrui Fang**, Y Minami & JM Maestre. Light Guidance Control of Human Drivers: Driver Modeling, Control System Design, and VR Experiment. *IFAC-PapersOnLine* 55. <https://doi.org/10.1016/j.ifacol.2023.01.099> (2022).

Peer-Reviewed Conference Proceedings

- C1. **Xinrui Fang**, Anran Xu, Chi-Lan Yang, Ya-Fang Lin, Sylvain Malacria & Koji Yatani. LLM-based In-situ Thought Exchanges for Critical Paper Reading. in *arXiv preprint, conditionally accepted to ACM IUI 2026* (2026). <https://arxiv.org/abs/2510.15234>.
- C2. **Xinrui Fang**, Takuro Watanabe, Chengshuo Xia & Arthur Torck. Knock Knock: A Children-oriented Vocabulary Learning Tangible User Interaction System. in *Proceedings of the Augmented Humans International Conference 2022* (AHs'22) (2022), 35–39. <https://doi.org/10.1145/3519391.3519403>.
- C3. **Xinrui Fang**, Chengshuo Xia & Yuta Sugiura. FacialPen: Using Facial Detection to Augment Pen-Based Interaction. in *Proceedings of the Asian CHI Symposium 2021* (Asian CHI'21) (2021), 1–8. <https://doi.org/10.1145/3429360.3467672>.

Peer-Reviewed Workshop/Poster/Demo Papers

- W1. Jonas Oppenlaender, Sylvain Malacria, **Xinrui Fang**, Niels van Berkel, Fanny Chevalier, Koji Yatani & Simo Hosio. Meta-HCI: First Workshop on Meta-Research in HCI. *Proceedings of the Extended Abstracts of the CHI Conference on Human Factors in Computing Systems* (CHI EA'25). 2025. <https://doi.org/10.1145/3706599.3706723>.
- W2. **Xinrui Fang**, Anran Xu, Sylvain Malacria & Koji Yatani. Exploring Practices, Challenges, and Design Implications for Citation Foraging, Management, and Synthesis. *Proceedings of the Extended Abstracts of the CHI Conference on Human Factors in Computing Systems* (CHI EA'25). 2025. <https://doi.org/10.1145/3706599.3719883>.
- W3. Chengshuo Xia, **Xinrui Fang** & Yuta Sugiura. VoLearn: An Operable Motor Learning System with Auditory Feedback. *Adjunct Proceedings of the 34th Annual ACM Symposium on User Interface Software and Technology* (UIST '21 Adjunct). 2021. <https://doi.org/10.1145/3474349.3480186>.

Invited Talks

2024	Designing a Multi-agent Discussion System to Foster Academic Paper Reading	Host by Antti Oulasvirta, Aalto Uni.
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Teaching

Keio University

2021	Teaching Assistant, Real world interactive system
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Academic Service

External Reviewer

2026	IEEE VR
2025	ACM CHI LBW
2022	ACM CHI LBW

Student Volunteer

2021	ACM UIST, ACM ASSETS
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Last updated: January 14, 2026