

## Xinrui Fang

[xinrui.fang@iis-lab.org](mailto:xinrui.fang@iis-lab.org)

[xinrui.design](http://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

- 2026      Google Cloud Research Credit Grant (\$1,000)
- 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 *Proceedings of the ACM IUI 2026* (2026). <https://doi.org/10.1145/3742413.3789069>.
- 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>.

## Research Talks

- 2026, Jan. Designing An LLM-based Interactive System to Support Critical Paper Reading, IPSJ SIGHCI216 , Miyakojima, Japan.
- 2024, Nov. Designing a Multi-agent Discussion System to Foster Academic Paper Reading, Host by Prof. Antti Oulasvirta, Aalto University, Finland.

## Teaching

### Keio University

- 2021 Teaching Assistant, Real world interactive system

## Academic Service

### External Reviewer

- 2026 IEEE VR, ACM CHI Posters
- 2025 ACM CHI LBW
- 2022 ACM CHI LBW

### Student Volunteer

- 2021 ACM UIST, ACM ASSETS

---

Last updated: March 13, 2026