

Satomi Tokida

1st year Ph.D Student

Graduate School of Interdisciplinary Information Studies, The University of Tokyo

✉ tokidasatomi@g.ecc.u-tokyo.ac.jp

◇ <https://imsatomi.github.io>



EDUCATION

Graduate School of Interdisciplinary Information Studies, The University of Tokyo	Tokyo, Japan
<i>Ph.D in Human-Computer Interaction, Motion Analysis, VR/AR (Advisor: Dr. Yoshio Ishiguro)</i>	2025-Present
Graduate School of Interdisciplinary Information Studies, The University of Tokyo	Tokyo, Japan
<i>M.S. in Human-Computer Interaction, Motion Analysis, VR/AR (Advisor: Dr. Yoshio Ishiguro)</i>	2023-2025
Bachelor of Engineering, Nagoya University.	Aichi, Japan
<i>BA in Electrical, Electronic and Information Engineering (Advisor: Dr. Yoshio Ishiguro)</i>	2019-2023

RESEARCH INTERESTS

Human-Computer Interaction (HCI)
 Virtual Reality, Augmented Reality, Mixed Reality (VR, AR, MR)
 Human Motions / Dance

PUBLICATIONS

Conference Papers

- (1) **Satomi Tokida**, Yoshio Ishiguro, "Understanding the Effects of Rhythmic Frame-by-Frame Presentation for Improving Dance Learning," in Proceedings of the Augmented Humans International Conference 2025 (AHs '25)
- (2) **Satomi Tokida**, Yuta Itoh, Masanori Kayano, and Yoshio Ishiguro (2024), "MotionTales: Enhancing Creative Physical Expression in Elementary Education," in SIGGRAPH ASIA 2024 Educator's Forum [**Honorable Mention Award (top 5%)**]
- (3) **Satomi Tokida**, Yuta Itoh, Jean-Marie Normand, Rebecca Fribourg, Jean-Phillipe Riviere, and Yoshio Ishiguro, "Designing a Seamless VR Experience for Dance Movement Therapy," in 32nd IEEE Conference on Virtual Reality and 3D User Interfaces Abstracts and Workshops (IEEE VRW 2025)
- (4) **Satomi Tokida**, Yoshio Ishiguro, "Enhancing Seamless Body Movement Learning with Frame-by-Frame VR Presentation," in 31st IEEE Conference on Virtual Reality and 3D User Interfaces Abstracts and Workshops (IEEE VRW 2024)
- (5) **Satomi Tokida**, Yoshio Ishiguro, "A VR Application for Supporting Dance Learning Using Frame-by-Frame Guidance with Physical Representation," in Interaction 2024

Poster & Demos

- (6) **Satomi Tokida**, and Yoshio Ishiguro (2024). "Dance with Rhythmic Frames: Improving Dancing Skills by Frame-by-Frame Presentation", In Proceedings of the 9th International Conference on Movement and Computing (MOCO'24 Poster)
- (7) **Satomi Tokida**, Yuta Itoh, Masanori Kayano, and Yoshio Ishiguro (2024), An Interactive Digital Textbook for Eliciting Improvised Physical Expression, In Workshop on Interactive Systems and Software 2024 (WISS 2024 Demo)
- (8) **Satomi Tokida**, Yoshio Ishiguro, Kento Ohtani, Takanori Nishino, and Kazuya Takeda (2023), In IPSJ Interaction 2023 (Interaction 2023 Demo)

HONORDS & AWARDS

Best Master's Thesis , The Univerisity of Tokyo, GSII	2025
Honorable Mention Award , Educator's Forum in SIGGRAPH Asia 2024	2024

SERVICES

Student Volunteer
AHs 2025, IEEE VR 2025, SIGGRAPH Asia 2024, IEEE VR 2024
Committee
Birds of a Feather, "XR in Enterprise and Society of Japan", SIGGRAPH Asia 2024
Visiting Research Student
Ecole Centrale de Nantes, France, May 2024 - Mar 2025 (11 months)

WORK EXPERIENCES

Research Assistant Cluster Inc.	Dec 2024-Present
Data Engineer Intern Development of data analysis infrastructure systems, Rakuten Group Inc.	Aug 2023-Oct 2024
Programming School Teacher Development of programming learning materials and Tutoring, Corekara Inc.	Jun 2023-Feb 2024

OTHER SKILLS

Languages
Japanese (native), English (Business level, TOEIC score 860), Korean (fluent, TOPIK3), French (introductory)