

Ayaka Tsutsui

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EDUCATION

University of Tsukuba, Japan April 2023 - March 2025 (expected)
Master Programs in Informatics,
Graduate School of Comprehensive Human Sciences
Supervisor: Yoichi Ochiai and Tatsuki Fushimi

University of Tsukuba, Japan April 2021 - March 2023
College of Knowledge and Library Sciences,
School of Informatics, Knowledge Information Systems
Supervisor: Yoichi Ochiai and Tatsuki Fushimi

Japan College of Foreign Language, Japan (Diploma) April 2014 - March 2016

WORK EXPERIENCE

Internship

Panda CO., LTD., Tsukuba, Japan April 2022 - April 2023

Full time

Flight Attendant, China Airline CO., LTD., Taoyuan, Taiwan September 2019 - September 2020

Flight Attendant, ALL NIPPON AIRWAYS CO., LTD., Tokyo, Japan May 2016 - September 2019

University Operations

Research Assistant at Digital Nature Group August 2023 - September 2023

Teaching Assistant of Introduction to Programming and Media Art 2023

Official on-campus tutor for international students 2022

RESEARCH INTERESTS

Human-Computer Interaction, Digital fabrication, Ultrasonic, Accessibility, Food computer interaction

PUBLICATIONS

[4] Kenta Yamamoto, **Ayaka Tsutsui**, Yinan Zhao, Ippei Suzuki, Kengo Tanaka, Yusuke Koroyasu, and Yoichi Ochiai. 2024. Documentary Film of Low Vision Boxing: Collaborative Design of Adaptive Kickboxing Experiences. In Extended Abstracts of the CHI Conference on Human Factors in Computing Systems (CHI EA '24), May 11–16, 2024, Honolulu, HI, USA. ACM, New York, NY, USA, 2 pages. <https://doi.org/10.1145/3613905.3649124>

[3] **Ayaka Tsutsui**, Tatsuki Fushimi, Takahito Murakami, Ryosei Kojima, Kengo Tanaka, Yoichi Ochiai. “HIFU Embossment of Acrylic Sheets”, In Proceedings of the 2024 CHI Conference on Human Factors in Computing Systems (CHI '24). May 11–16, 2024, Honolulu, HI, USA. Association for Computing Machinery, New York, NY, USA, <https://doi.org/10.1145/3613904.3642890>

[2] **Ayaka Tsutsui**, Tatsuki Fushimi, Kengo Tanaka, Takahito Murakami, Yoichi Ochiai. “Ultrasonic Embossment of Acrylic Sheets with Transparency Control”, In Special Interest Group on Computer Graphics and Interactive Techniques Conference Labs (SIGGRAPH '23 Labs), August 06–10, 2023, Los Angeles, CA, USA. ACM, New York, NY, USA 2 Pages. <https://doi.org/10.1145/3588029.3595475>

[1] Kengo Tanaka, Tatsuki Fushimi, **Ayaka Tsutsui**, and Yoichi Ochiai. “Text to Haptics: Method and Case Studies of Designing Tactile Graphics for Inclusive Tactile Picture Books by Digital Fabrication and Generative AI”, In Special Interest Group on Computer Graphics and Interactive Techniques Conference Labs (SIGGRAPH '23 Labs), August 06–10, 2023, Los Angeles, CA, USA. ACM, New York, NY, USA 2 Pages. <https://doi.org/10.1145/3588029.3595471>

INVITE

Kengo Tanaka, **Ayaka Tsutsui**. SIGGRAPH 2023, Generative AI for Graphics and 3D August 2023

GRANTS

AIP Challenge Program JPY 1,000,000 July 2021 - March 2022

AWARDS

Low Vision Boxing February 2023

29th Student CG Contest, Game & Interaction Category, Best Award

Kenta Yamamoto, **Ayaka Tsutsui**, Zhao Yinan, Ippei Suzuki, Kengo Tanaka, Yoichi Ochiai

Low Vision Boxing December 2023

WIRED CREATIVE HACK AWARD 2023, Runner-Up Prize

Kenta Yamamoto, **Ayaka Tsutsui**, Zhao Yinan, Kengo Tanaka, Ippei Suzuki, Yoichi Ochiai.

Business plan contest for students in Ibaraki Prefecture 2021, Company award November 2021

Business plan contest 2021 presented by The Chiba Bank and The Bank of Yokohama January 2022
SDG's award