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🎓 https://scholar.google.co.jp/citations?user=ym-sVBkAAAAJ&hl

Education & Research Training

|	
Oct. 2022 – Present	**Internship Student** German Research Center for Artificial Intelligence (DFKI) Saarbücken, Germany (3 months)
Apr. 2022 – Present	**JSPS Research Fellow (DC1)** Japan Society for the Promotion of Science, Tokyo, Japan
	Ph.D. student (Information Science) Ochanomizu University, Tokyo, Japan Supervisor: *Prof. Ichiro Kobayashi*
Apr. 2020 – Mar. 2022	**M.Sc.** Ochanomizu University, Tokyo, Japan Major GPA: 4.0/4.0 Supervisor: *Prof. Ichiro Kobayashi*
Apr. 2016 – Mar. 2020	**B.Sc.** Ochanomizu University, Tokyo, Japan Major GPA: 3.35/4.0 Supervisor: *Prof. Ichiro Kobayashi*

Research Publications

Journal Articles

1. **Kuroda, E.**, Sakurai, Y., Takano, M., Sakuma, H., & Kiyota, Y. (2022). Ai system papers -challenges and possibilities for collaboration among different communities-. *Journal of the Japanese Society for Artificial Intelligence*, *37*(3), 323–328. 🔗 doi:10.11517/jjsai.37.3_323

2. **Kuroda, E.**, Yamakawa, H., Toriumi, F., Sakuma, H., & Kiyota, Y. (2022). Concept papers -to facilitate dissemination of high-impact papers-. *Journal of the Japanese Society for Artificial Intelligence*, *37*(3), 329–333. 🔗 doi:10.11517/jjsai.37.3_329

3. **Kuroda, E.**, Ohkuma, T., Takano, M., Morita, C., Sakurai, Y., & Kiyota, Y. (2022). The world students see through research. *Journal of the Japanese Society for Artificial Intelligence*, *37*(5), 640–648. 🔗 doi:10.11517/jjsai.37.5_640

International Conferences

1. **Kuroda, E.**, Nishimoto, S., Nishida, S., & Kobayashi, I. (2021a, December). A deep generative model imitating predictive coding in the human brain. In *The 22nd international symposium on advances intelligent systems*. Retrieved from
🔗 https://drive.google.com/file/d/1nvVErC8GW5jc2GujTwz2hpLebxpZZESN/view?usp=sharing

Domestic Conferences

1 **Kuroda, E.**, & Kobayashi, I. (2022a, June). A study on extraction of motion inflection points focusing on objects in an image. The 36th Annual Conference of the Japanese Society for Artificial Intelligence.
🔗 doi:10.11517/pjsai.JSAI2022.0_2M1OS19a02

2 **Kuroda, E.**, & Kobayashi, I. (2022b, March). A study on extracting the inflection point in the physical environment. The 84th National Convention of IPSJ. Retrieved from
🔗 https://www.ipsj.or.jp/event/taikai/84/

3 **Kuroda, E.**, Nishimoto, S., Nishida, S., & Kobayashi, I. (2021b, March). A study on a deep generative model imitating predictive coding. The 83rd National Convention of IPSJ. Retrieved from
🔗 http://id.nii.ac.jp/1001/00205169/

4 **Kuroda, E.**, Nishimoto, S., Nishida, S., & Kobayashi, I. (2020, November). A deep generative model imitating predictive coding. The 23rd Information-Based Induction Sciences Workshop. Retrieved from 🔗 https://ibisml.org/ibis2020/

5 **Kuroda, E.**, & Kobayashi, I. (2020a, June). A study on building a deep generative model for prediction in the human brain. The 34th Annual Conference of the Japanese Society for Artificial Intelligence.
🔗 doi:10.11517/pjsai.JSAI2020.0_1O3GS801

6 **Kuroda, E.**, & Kobayashi, I. (2020b, March). A study on predicting the real world using deep generative models. The 82nd National Convention of IPSJ. Retrieved from
🔗 http://id.nii.ac.jp/1001/00214918/

7 **Kuroda, E.**, & Kobayashi, I. (2020c, February). A study on building a deep generative model for prediction in the human brain. Grant-in-Aid for Scientific Research on Innovative Areas "Chronogenesis: How the Mind Generates Time". Retrieved from 🔗 https://www.chronogenesis.org/

MISC

1 **Kuroda, E.**, Kashiwakura, S., & Matsui, A. (2022). Student forum (112) interview with prof. akiko aizawa "limb your own mountain, even if its small at first". 🔗 doi:10.11517/jjsai.37.4_533

2 Onishi, M., **Kuroda, E.**, & Sakuma, H. (2022). Student forum (110) interview with prof. emi tamaki the future of body sharing technology based on deep sensation. 🔗 doi:10.11517/jjsai.37.2_237

Invited Talks

Oct. 2022 📕 **Online seminars for female students**
RIKEN Center for Advanced Intelligence Project (AIP)

Grants

Apr. 2022 – Mar. 2025 📕 **Grant-in-Aid for JSPS Research Fellows (DC1) (JPY 2,500,000)**
Japan Society for the Promotion of Science.
Real-world language explanations based on human predictive functions that capture the physical environment (JP22J21786).

Mar. 2021 📕 **Research Grant (JPY 500,000)**
Leave a Nest Co. and Appliances Company, Panasonic Co.

Apr. 2020 – Mar. 2022 📕 **Scholarship (JPY 500,000)**
Ochanomizu University and Inc. KSP-SP

Grants (continued)

JASSO Scholarship for Category 1 (JPY 2,112,000)
Japan Student Services Organization

Nov. 2019   **Research Grant (JPY 200,000)**
Ochanomizu University AI-Data Science Center

Awards

Apr. 2022   **Repayment Exemption of JASSO Scholarship (Category 1)**
Japan Student Services Organization

Mar. 2022   **Student Encouragement Award of IPSJ National Convention**
The 84th National Convention of IPSJ

Feb. 2022   **Best Session Award**
The 22nd International Symposium on Advanced Intelligent Systems

Dec. 2020   **FY2020 Student Award**
Ochanomizu University

Mar. 2020   **Best Paper Award of IPSJ National Convention (9/753)**
The 82nd National Convention of IPSJ

Student Encouragement Award of IPSJ National Convention
The 82nd National Convention of IPSJ

Experiences

Oct. 2022 – Dec. 2022   **Internship Student**
German Research Center for Artificial Intelligence (DFKI)

Apr. 2022 – Present   **JSPS Research Fellow (DC1)**
Japan Society for the Promotion of Science

Jun. 2021 – Present   **Student Editor**
The Japanese Society for Artificial Intelligence

Apr. 2021 – Mar. 2022   **FY2021 IPSJ Journal Monitor**
The Information Processing Society of Japan

Apr. 2021 – Aug. 2021   **Teaching Assistant (Introduction to Data Analysis)**
Ochanomizu University

Teaching Assistant (Exercises in Information Processing)
Ochanomizu University

Experiences (continued)

Oct. 2020 – Mar. 2021   **Teaching Assistant (Information Lecture2)**
Ochanomizu University

Apr. 2020 – Mar. 2022   **Teaching Assistant (University Library)**
Ochanomizu University

Aug. 2017 – Sep. 2017   **Short-term Study Abroad**
The University of Manchester

Feb. 2017 – Mar. 2020   **Private Teacher**
Ochanomizu University

Feb. 2017 – Mar. 2018   **Programming Instructor**
Pro-Tech Club

Skills

Languages   Japanese (Native), English (TOEIC810)

Programming   Python, C, R, Java, HTML/CSS

Other Skills   Microsoft Office Specialist (certified as Expert)