







# Eri KURODA




 Department of Information Sciences in Science  
Ochanomizu University, 2-1-1 Otsuka, Bunkyo-ku, Tokyo 112-8610  
 kuroda.eri@is.ocha.ac.jp  
 <https://eri-kuroda.com/en>  
 <https://researchmap.jp/erikuroda?lang=en>  
 <https://orcid.org/0000-0001-6248-5056>  
 <https://scholar.google.co.jp/citations?user=ym-sVBkAAAAJ&hl>

## Education


- Apr. 2022 – Present  **Ph.D. student (Information Science)**  
Ochanomizu University  
Supervisor: *Prof. Ichiro Kobayashi*
- Apr. 2020 – Mar. 2022  **M.Sc.**  
Ochanomizu University  
Major GPA: 4.0/4.0  
Supervisor: *Prof. Ichiro Kobayashi*
- Apr. 2016 – Mar. 2020  **B.Sc.**  
Ochanomizu University  
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  <http://isis2021.org/>

### 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. Retrieved from  <https://www.ai-gakkai.or.jp/jsai2022/>

- 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 <https://www.ipsj.or.jp/event/taikai/83/>
- 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. Retrieved from <https://www.ai-gakkai.or.jp/jsai2020/>
- 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 <https://www.ipsj.or.jp/event/taikai/82/>
- 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](https://doi.org/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](https://doi.org/10.11517/jjsai.37.2_237)

## Grants

- |                       |   |
|-----------------------|---|
| Apr. 2022 – Mar. 2025 | <p>📌 <b>Grant-in-Aid for JSPS Research Fellows (DC1) (JPY 2,500,000)</b><br/>Japan Society for the Promotion of Science.<br/>Real-world language explanations based on human predictive functions that capture the physical environment (JP22J21786).</p> |
| Mar. 2021             | <p>📌 <b>Research Grant (JPY 500,000)</b><br/>Leave a Nest Co. and Appliances Company, Panasonic Co.</p>   |
| Apr. 2020 – Mar. 2022 | <p>📌 <b>Scholarship (JPY 500,000)</b><br/>Ochanomizu University and Inc. KSP-SP</p> <p>📌 <b>JASSO Scholarship for Category 1 (JPY 2,112,000)</b><br/>Japan Student Services Organization</p>  |
| Nov. 2019             | <p>📌 <b>Research Grant (JPY 200,000)</b><br/>Ochanomizu University AI-Data Science Center</p>   |







## 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

---

- Apr. 2022 – Mar. 2025  **JSPS Research Fellow (DC1)**  
Japan Society for the Promotion of Science
- Jun. 2021 – Jun. 2023  **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
- 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




## Experiences (continued)

---

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)