Eri KURODA

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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

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. Onishi, M., **Kuroda**, **E.**, & Sakuma, H. (2022). Student forum110 interview with prof. emi tamaki “the future of “body sharing technology” based on deep sensation”. doi:10.11517/jjsai.37.2_237

Grants and Awards

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

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

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

Grants and Awards (continued)

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

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)