

Atsumoto Ohashi

Postdoctoral Researcher

Kyutai, Paris

E-mail: atsumoto.ohashi@kyutai.org

[Homepage](#) | [Google Scholar](#) | [LinkedIn](#)

RESEARCH INTEREST

I am Atsumoto Ohashi, a Postdoctoral Researcher at Kyutai, specializing in spoken dialogue systems. My current research focuses on developing **full-duplex spoken language models** for natural, real-time conversational experiences. During my Ph.D. at Nagoya University (2026), I explored the optimization of **task-oriented dialogue systems** using NLP and reinforcement learning (RL) techniques, with publications at top-tier conferences including EMNLP, NAACL, AAI, and INTERSPEECH.

RESEARCH EXPERIENCE

Kyutai, Paris, France April 2026 – Present
Postdoctoral Researcher

Kyutai, Paris, France September 2025 – March 2026
Visiting PhD Student
Mentors: Eugene Kharitonov, Alexandre Defossez, Neil Zeghidour

National Institute of Informatics (NII), Remote June 2025 – September 2025
Research Assistant
Project: Development of spoken dialogue models at LLM-jp project

CyberAgent AI Lab, Tokyo, Japan August 2023 – September 2023
Research Intern
Mentors: Ukyo Honda, Tetsuro Morimura, Yuu Jinnai
Project: Analyzing minimum bayes risk (MBR) decoding for neural machine translation models

SELECTED PUBLICATIONS

Conferences

Towards a Japanese Full-duplex Spoken Dialogue System
[Atsumoto Ohashi](#), Shinya Iizuka, Jingjing Jiang, Ryuichiro Higashinaka
In: *Proc. INTRESPEECH 2025*, pp. 1783–1787

Universal Post-Processing Networks for Joint Optimization of Modules in Task-Oriented Dialogue Systems
[Atsumoto Ohashi](#), Ryuichiro Higashinaka
In: *Proc. AAI 2025*, pp. 24975–24983

On the True Distribution Approximation of Minimum Bayes-Risk Decoding
[Atsumoto Ohashi](#), Ukyo Honda, Tetsuro Morimura, Yuu Jinnai
In: *Proc. NAACL 2024*, pp. 459–468

JMultiWOZ: A Large-Scale Japanese Multi-Domain Task-Oriented Dialogue Dataset
[Atsumoto Ohashi](#), Ryu Hirai, Shinya Iizuka, Ryuichiro Higashinaka
In: *LREC-COLING 2024*, pp. 9554–9567

Enhancing Task-oriented Dialogue Systems with Generative Post-processing Networks

Atsumoto Ohashi, Ryuichiro Higashinaka

In: *EMNLP 2023*, pp. 3815–3828

Adaptive Natural Language Generation for Task-oriented Dialogue via Reinforcement Learning

Atsumoto Ohashi, Ryuichiro Higashinaka

In: *COLING 2022*, pp. 242–252

Post-processing Networks: A Method for Optimizing Pipeline Task-oriented Dialogue Systems using Reinforcement Learning

Atsumoto Ohashi, Ryuichiro Higashinaka

In: *SIGDIAL 2022*, pp. 1–13

Journals

Optimizing pipeline task-oriented dialogue systems using post-processing networks

Atsumoto Ohashi, Ryuichiro Higashinaka

In: *Computer Speech & Language*, vol. 90, No. 101742

Adapting language generation to dialogue environments and users for task-oriented dialogue systems

Atsumoto Ohashi, Ryuichiro Higashinaka

In: *Natural Language Processing Journal*, vol. 11, No. 100153

EDUCATION

Nagoya University, Japan

April 2023 – March 2026

Ph.D. in Informatics

Advisor: Prof. Ryuichiro Higashinaka

Nagoya University, Japan

April 2021 – March 2023

M.S. in Informatics

Advisor: Prof. Ryuichiro Higashinaka

Nagoya University, Japan

April 2017 – March 2021

B.S. in Computer Science

Advisor: Prof. Ryuichiro Higashinaka

HONORS & AWARDS

Committee Special Award (32/726)

March 2025

The 31st Annual Meeting of the Association of Natural Language Processing (NLP2025)

Young Researcher Encouragement Award (18/406)

March 2023

The 29th Annual Meeting of the Association of Natural Language Processing (NLP2023)

Sponsor Award (5/386)

March 2022

The 28th Annual Meeting of the Association of Natural Language Processing (NLP2022)

Committee Special Award (16/365)

March 2022

The 28th Annual Meeting of the Association of Natural Language Processing (NLP2022)

Outstanding Academic Achievement

April 2018

Department of Computer Science, Nagoya University

Chinese Speech Contest 4th Prize

December 2017

Nanjing University Cup, Nagoya University

SCHOLARSHIP AND GRANTS

JSPS Research Fellowship for Young Scientists (DC2)

April 2025 – March 2027

Research Immersion Support: 200,000 yen / month

Research Expenses: 800,000 yen / year

Nagoya University Interdisciplinary Frontier Fellowship

April 2023 – March 2026

Research Immersion Support: 180,000 yen / month

Research Expenses: 250,000 yen / year

INVITED TALKS

Towards Understanding Performance Variability in MBR Decoding

June 2024

The 59th NLP Colloquium

EMNLP 2023 Conference Report

December 2023

The 99th Meeting of Special Interest Group on Spoken Language Understanding and Dialogue Processing (SIG-SLUD99)

SIGDIAL 2022 & YRRSDS 2022 Conference Report

December 2022

The 96th Meeting of Special Interest Group on Spoken Language Understanding and Dialogue Processing (SIG-SLUD96)