

[This is an unofficial translation; the official text is in Japanese.]

Tohoku University
Graduate School of Information Sciences
Natural Language Processing Laboratory
Call for Applications: Professor

Position: Professor (1 opening)

Field of Specialization: Natural Language Processing

Natural Language Processing (NLP) is rapidly permeating society, with applications spanning conversational AI, machine translation, document summarization, educational support, search engines, and more. To realize truly outstanding NLP systems, comprehensive research is indispensable—covering fundamental language and knowledge technologies (such as grammatical and semantic analysis, inference, language modeling, knowledge acquisition) as well as the development of applied systems.

This Laboratory promotes scholarly and cutting-edge research and education in NLP and intelligent information processing, while also advancing research aimed at industrial use. We seek to cultivate the next generation of researchers capable of pioneering new application domains.

Affiliation: Natural Language Processing Laboratory, Graduate School of Information Sciences, Tohoku University

Workplace: Aobayama Campus, Tohoku University (Aoba-ku Aramaki aza-Aoba 6-3-09, Sendai-shi, Miyagi-ken, Japan)

Appointment Start Date: April 1, 2026 or thereafter

Term of Appointment: No fixed term (subject to the prescribed retirement age)

Working Hours: Discretionary labor system for specialized work (deemed working hours: 7 hours 45 minutes per day)

Holidays: Saturdays, Sundays, national holidays, year-end and New Year holidays (December 29 to January 3)

Salary: Annual salary system (in accordance with Tohoku University salary regulations)

Reference (approximate figures)

For those with 20 years of post-Ph.D. research and teaching experience: Approx. ¥8,900,000

For those with 15 years of post-Ph.D. research and teaching experience: Approx. ¥8,700,000

For those with 10 years of post-Ph.D. research and teaching experience: Approx. ¥8,430,000

Additional allowances—such as commuting, housing, and dependent allowances—may be provided in accordance with regulations.

Social Insurance: Enrollment in National Public Service Personnel Mutual Aid Association, Employment Insurance, Industrial Accident Compensation Insurance

Qualifications

- (1) A doctoral degree
- (2) Demonstrated achievements in research and teaching, with strong motivation to continue both
- (3) Ability to teach undergraduate and graduate courses
- (4) Ability to supervise master's and doctoral theses
- (5) Ability to conduct education and research supervision in English
- (6) Ability to conduct lectures and university duties in Japanese
- (7) Active involvement in internal administration and external outreach/collaboration

Duties

- (1) Research
 - Conduct research in the area of expertise. Candidates who can promote international collaborative research or industry-academia joint research are preferred
- (2) Education
 - Teach graduate courses and supervise graduate students in their research
- (3) Administration

- Participate in internal administrative duties

Note: As an independent graduate school, the Graduate School of Information Sciences does not directly handle undergraduate education. Undergraduate teaching for the Department of Electrical, Information and Physics Engineering (School of Engineering) will be conducted on a concurrent-appointment basis, in collaboration with faculty members of the School of Engineering, including lectures, training, and supervision of graduation research.

Application Materials

- (1) Curriculum Vitae (format at applicant's discretion; include standard information)
- (2) List of Publications and Achievements (format at applicant's discretion; for example, include):
 - Original papers, international conference papers, other articles (indicate whether each is peer-reviewed; mark your top five papers by placing a circle (○) next to each)
 - Books and other publications
 - Presentations at international conferences (major ones)
 - Patents obtained
 - Research grants secured
 - Teaching record (courses taught, content, titles of supervised graduation/master's/doctoral theses)
 - Records of international collaborative research or industry-academia projects
 - Awards and honors, and any other notable achievements
- (3) Research Achievement Statement (approx. 2 pages, focusing on the five key papers above)
- (4) Research and Teaching Plan (approx. 1 page)
- (5) Copies of the Five Key Papers (full text, not just title and abstract)
- (6) Names, affiliations, and official institutional e-mail addresses of two referees who can be contacted about your achievements (no letters of recommendation required)

All application materials will be appropriately destroyed after the selection process.

Submission Deadline

Friday, October 3, 2025

Selection Process

Document screening, followed by an interview if shortlisted (the interview may be conducted online).

Submission Address

Takayuki Okatani, Chair of the Department of System Information Sciences

E-mail: takayuki.okatani.a2@tohoku.ac.jp

Subject (in Japanese): 自然言語処理学分野教授応募

Please compile all materials into a single ZIP file (or similar), upload it to a cloud storage service, and send us the download link.

Do not modify the files after submission.

If you do not receive confirmation within one week, please call 022-795-7014.

Inquiries

Takayuki Okatani, Chair of the Department of System Information Sciences

E-mail: takayuki.okatani.a2@tohoku.ac.jp

For Information: Tohoku University's DEI Initiatives

Tohoku University actively promotes diversity, equity, and inclusion (DEI) and welcomes applications from a wide range of individuals.

Tohoku University Declaration of Diversity, Equity and Inclusion (DEI) webpage:
<https://dei.tohoku.ac.jp/vision/about/>

In accordance with Article 8 of the Act on Equal Opportunity and Treatment

between Men and Women in Employment, we give preferential consideration to female applicants when qualifications and abilities are equivalent.

We have established the “Tohoku University—Live as Who You Are—Guidelines for Gender and Sexual Diversity” to set out both our policy and concrete measures aimed at creating an environment in which students and faculty/staff can carry out their studies, research, and duties with respect for diverse gender identities.

Center for Diversity, Equity, and Inclusion (DEI Center) webpage:

https://dei.tohoku.ac.jp/vision/consulting/for_minority/

Childcare facilities available to all faculty and staff include Kawauchi Keyaki Nursery (capacity 22) and Aobayama Midori Nursery (capacity 116), plus Hoshinoko Nursery (capacity 120) for hospital staff—the largest on-site childcare among Japanese national universities. A sick-child care room is also available.

For details on work–life balance support (including paternity leave measures) and research support, see:

Center for Diversity, Equity, and Inclusion (DEI Center) webpage:

https://dei.tohoku.ac.jp/vision/consulting/for_family/

Human Resource Department webpage:

<https://c.bureau.tohoku.ac.jp/jinji-top/external/a-4-kosodate/>