

Job Opening: Professor

Title:

One position for a professor in the field of computing and software systems
Graduate School of Informatics, Nagoya University

Institution:

Nagoya University (URL: <http://en.nagoya-u.ac.jp/>)

Unit and Department:

Software Science and Technology Unit,
Department of Computing and Software Systems, Graduate School of Informatics
(URL: <https://www.i.nagoya-u.ac.jp/en/gs/css/>)

Job descriptions:

Immediately after hiring:

- 1) To lead research on formal methods for software (formal proof, theory of software, concurrent and reversible computations, mathematical logic, etc.) and its application to AI
- 2) To actively participate in the management of the Graduate School of Informatics and contribute to achieving the mission of the Graduate School.
- 3) To teach and supervise undergraduate and postgraduate students.

Scope of change:

duties designated by the Tokai National Higher Education and Research System

Research field:

Field: Informatics

Specific classification: formal proof, theory of software, concurrent and reversible computations, mathematical logic, and their application to AI

Job type and the number of positions:

one Professor

Employment status:

Rank: full-time

Contract period: no fixed term

Trial period: 6 months from the date of employment

Address:

Immediately after hiring:

Department of Computing and Software Systems
Graduate School of Informatics, Nagoya University
Furo-cho, Chikusa, Nagoya 464-8601, Japan

Scope of change:

workplace designated by the Tokai National Higher Education and Research System

Qualifications:

Applicants are required to hold a Ph.D. degree before commencing employment and to have expertise and outstanding research achievements in formal proof, theory of software, concurrent and reversible computations, mathematical logic, and related topics. It is strongly encouraged that applicants

demonstrate passion and a plan to apply their theoretical studies to social and practical subjects, including AI-related research. They must be able to teach courses in the Department of Computing and Software Systems in the Graduate School of Informatics and the Department of Computer Science in the School of Informatics. Communication in Japanese is also required to conduct the work.

Salary:

Salary and benefits will be determined in accordance with the rules of the Tokai National Higher Education and Research System (the rules shall be written in Japanese).

https://public1.legalcrud.com/thers_ac/act/110010928.html

https://public1.legalcrud.com/thers_ac/act/110001585.html

Deadline for applications:

August 7, 2026 – September 30, 2026 (Japan Standard Time (JST))

Date of commencement of employment:

April 1, 2027, or later at the earliest convenience

Application material:

- 1) Curriculum Vitae (include an Email address)
- 2) a list of research achievements
 - For peer-reviewed papers, describe journal papers and international conference papers separately.
 - For domestic conference papers, describe only papers that require special mention, such as invited papers and award-winning papers, regardless of whether they have been peer-reviewed or not.
 - Describe other information useful for selection (social contributions, software development achievements, work achievements, etc.) in the other column.
- 3) key articles (at most three articles) of applicant's own research
- 4) an abstract of research activities to date (within 2 pages)
- 5) a brief description of your own research plans in the future (within 2 pages), including anticipated contribution to AI-related research
- 6) a short essay on your teaching activities to date and teaching plans/aspirations (within 1 page)
- 7) full names and contact details (with e-mail address) of two references
- 8) other supporting materials (paper citation counts, obtained research funds, awards, teaching experiences, academic society and social activities, etc., if the applicant would like to present)
- 9) "Self-Declaration of Classification Applicability" based on the "Flowchart for Classification Applicability Judgment" (see the Note section of this document)

Application submission:

- 1) Prepare all required materials in PDF format, compress them into one ZIP file with a filename related to the applicant's name, and upload the ZIP file to the following URL. The names of files in the ZIP file should consist only of alphanumeric characters (avoid special characters such as spaces and periods, and other international characters).
upload URL: <https://nuss.nagoya-u.ac.jp/s/XMPJYesTwE6435r>
- 2) After uploading the ZIP file, notify us of your application by sending an Email to the contact (see the end of this document for the contact).

Selection process:

After reviewing the application materials, qualified applicants proceed to a peer interview.

Notes:

- Nagoya University promotes gender equality in employment and actively encourages female applicants if their achievements (including research achievements, educational achievements, social contributions, and personality) are evaluated as equivalent.
- Application materials will be used only for this selection and will not be used for other purposes.
- Application materials will be handled under the responsibility of the selection committee and will not be returned to the applicants.
- Traveling expenses for interviews will not be provided.
- In November 2021, in accordance with the clarification of the scope of control for “deemed exports” under the Foreign Exchange and Foreign Trade Act (FEFTA) of the Ministry of Economy, Trade and Industry (METI), the provision of sensitive technology to faculty members and students in the universities of Japan has become subject to control under the FEFTA based on the Japanese Policy. Due to this change, it is necessary for applicants to submit a “Self-declaration of Category Applicability” based on the “Flowchart for Category Applicability Judgment”. The selected applicant will be asked to submit a “written oath” at the time of employment. All necessary Forms are available from <https://www.i.nagoya-u.ac.jp/resume/>
- Our university is actively working to promote diversity and work-life balance. Please see the URL below for details.
 - Gender Diversity Center Website:
<https://www.kyodo-sankaku.provost.nagoya-u.ac.jp/en/>
 - DEIB (Diversity, Equity, Inclusion & Belonging) Promotion Declaration:
<https://www.thers.ac.jp/about/declaration/deib/index.html>
- If you have interrupted or delayed your research activities in the past due to childbirth, childcare, nursing, illness, etc., you can state these facts on your curriculum vitae. You will not be unfairly evaluated for stating these facts.

Contact:

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Graduate School of Informatics, Nagoya University
Email: hiro AT i.nagoya-u.ac.jp (replace AT by @)