

ASSOCIATE PROFESSOR OR LECTURER POSITION IN INFORMATION SCIENCE AND ENGINEERING

Information for Application

1. Number of positions available

Tenure-track Associate Professor or Tenure-track Lecturer, One

2. Contract term

Five years

3. Starting date

April 1, 2026

4. Affiliation

Department of Information Science and Engineering, Graduate School of Sciences and Technology
for Innovation, Yamaguchi University

5. Areas of research

System Development

(e.g., formal methods, model checking, reliability evaluation, real-time systems, distributed systems,
and applications of fault-tolerant, self-healing, and highly reliable systems)

6. Educational activities

1) Lectures and exercises in information science and engineering (e.g., system development
processes and techniques, optimization techniques, numerical computation, digital
transformation, etc.)

2) General education

7. Qualifications

Applicants must satisfy all of the following requirements.

1) Applicants should hold a Ph.D. that was acquired within 10 years (*1) or be expected to be
acquired by the time of hiring.

2) The hired applicant should apply for the "HIRAKU-Global Program Selected Teachers" recruited
by the consortium of "World-Class Researcher Development Through Regional Collaboration"
(hereinafter referred to as "HIRAKU-Global") and receive a selection.

HIRAKU-Global program overview : <https://www.hiroshima-u.ac.jp/hiraku-g>

3) Applicants should have research achievements on the area of research above.

4) Applicants should have the ability to take responsibility for education and research in the field of
information science and engineering for both undergraduate and graduate courses.

5) Applicants should be enthusiastic about international education and research activities.

6) Applicants should have language skills necessary for education and research and international
exchange.

7) Applicants should be able to communicate in Japanese or English.

If the hired applicant is unable to communicate in Japanese, by the end of the appointment, he/she
has to improve his/her Japanese skill enable to lecture and provide research supervision to
undergraduate and graduate students.

- ※1 Applicants who took maternity and/or childcare leaves after they acquired their Ph.D. degrees, are exempt from such time constraints.

8. Compensation

Salary, allowances and benefits will be provided in accordance with Yamaguchi University regulations. The annual salary system will be applied.

9. Research fund

- 1) As a start-up fund, 5 million yen for the period of five years is distributed.
The amount of distribution of each year is decided based on the intention of the tenure-track faculty member.
- 2) When you will be decided to be a HIRAKU-Global program selected faculty member, the following expenses will be distributed in addition to the startup funds above.
 - Research infrastructure expenses of 1 million yen each in the first and second years.
 - Joint research expenses with overseas institutions are 500,000 yen in the first year, 1 million yen in the second year, 500,000 yen in the third year (the distribution amount can be adjusted between the years).

10. Evaluation of tenured position's assignment

Intermediate evaluation will be made in the 3rd year and final evaluation by 6 months prior to the end of the appointment, respectively based on research and teaching performance. The faculty member who passes his/her tenure reviews with Yamaguchi University will receive a tenured position (associate professor or lecturer), which is on a permanent basis with a mandatory retirement age.

11. Application documents

- 1) Curriculum vitae
Face photo, present address, birth date, educational background (after graduating from high school), professional background, academic society, etc., and contact information (that can be contacted directly)
- 2) List of research activities and accomplishments in reverse chronological order, in the following categories:
 - (a) Peer-reviewed international journal publications,
 - (b) Peer-reviewed international conference papers,
 - (c) Peer-reviewed domestic journal and conference publications,
 - (d) Others awards, publications, etc. (such as patents and research grants).
- 3) A list of contributions to and activities in academic societies, such as editorships of international journals, membership of conference program committees, educational activities, and awards.
- 4) Plans for their research and educational activities during the term of contract (up to 1,000 words).
- 5) Two letters of support from referees or the names of two referees with contact information (telephone number, e-mail address).
- 6) Copies of up to five of their most significant publications.

All the application documents must be PDF files and send to the e-mail address described below.

The email title must be "Application to tenure track faculty".

The document files should be separately prepared corresponding to the numbers of "11. Application documents", and each file name should begin with the numbers of "11. Application

documents”. After the application is received, you will receive an email confirming the receipt.

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12. Application period

Applications must be received no later than June 30, 2025.

13. Selection method

The search committee will evaluate the candidates' expertise, research activities, and teaching skills. Candidates who pass the document examination will be asked to give a talk on their research and attend an interview at Yamaguchi University. Invited candidates must cover the full travel expenses to attend the presentation.

14. Additional information

- 1) The Department of Information Science and Engineering, Faculty of Engineering, is scheduled to be reorganized into the Department of Informatics, Faculty of Informatics, in April 2026.
- 2) Private information related to the application is protected by the Personal Information Protection Law.
- 3) If you have been subject to disciplinary action or administrative measures due to sexual violence, including sexual harassment against students, please be sure to include the details of the action taken and the specific reasons for it in your resume or other application documents. Providing false information may result in the cancellation of your employment or further disciplinary action.
- 4) Yamaguchi University promotes gender equality. In accordance with the provisions of Article 8 of the Equal Employment Opportunity Act, we proactively employ female academic staff/researchers as a measure to improve the ratio of female researchers.
- 5) Yamaguchi University actively supports achieving a balance between work and life events (such as child care or nursing care needs). For example, we offer financial assistance in the event of using day-care services for sick children, and also have systems such as a research assistant program, a mentor system, a support system for returning to research activities, and a nursing care support system.

<https://ds0n.cc.yamaguchi-u.ac.jp/~diversity/>

Yamaguchi University Supports Work-Life Balance!

At Yamaguchi University, we actively promote diversity among university members (students, and academic and other staff). At the same time, we are committed to maintaining a work environment where everyone can demonstrate their individuality and abilities to the full. In order to achieve this, the Diversity Promotion Office is proceeding with various initiatives toward achieving work-life balance, such as promoting gender balance. Please take a look at the university website for more information.

<https://ds0n.cc.yamaguchi-u.ac.jp/~diversity/>

Support Regarding Research

Research Assistant Program

This system enables academic staff who experience a life event to appoint undergraduate and graduate students as research assistants. It is available for female academic staff at Yamaguchi University, and male academic staff at Yamaguchi University whose spouses are researchers at universities, etc.

Support System for Returning to Research Activities

This system supports academic staff at Yamaguchi University who returned to work less than one year ago after taking time off because of a life event, by providing partial assistance with the expenses required for research activities. It is available for female academic staff, and male academic staff whose spouses are researchers at universities, etc.

Female Researcher Mentor System

The Mentor System is mainly intended for use by newly appointed female academic staff. It matches them up with academic staff (mentors) with whom they can discuss various doubts and concerns they may have regarding education, research, and university life.

International Student Supporter System

The goal of this system is to support research activities through language skills. We can introduce researchers to international students whose native language is English, Chinese, or Korean, and appoint the students to carry out support work for research activities using their native language.

Support Regarding Child Care and Nursing Care

Day-Care for Schoolchildren: Yama-Me Classes (Yoshida Campus)

During elementary schools' summer, winter, and spring vacations, we run "Yama-Me classes" to provide faculty members and students with an on-campus day-care service for their children while they are off school. We also offer a wide array of programs led by academic staff and students.

Tanpopo Nursery School (Kogushi Campus)

We provide an on-campus nursery school for staff who belong to the Medical School and affiliated hospitals, so they can work with peace of mind.

Basic day-care: 90 children
Day-care for post-illness children: 3 children

Corporate-Led Day-Care Centers

We have made day-care services available by signing service contracts with some local corporate-led day-care facilities. (Six facilities are available.)

Financial Assistance System for Using Day-Care Facilities, etc. for Sick Children

Under this system, if faculty members' children use day-care facilities for sick children, partial assistance will be provided to help with the fees. (The system is available for faculty members who are enrolled in mutual aid or social insurance. If they have a spouse, they are eligible if their spouse is currently employed.) You need to register beforehand to use the system.

Lending On-Campus Nursery Spaces

We have on-campus child care spaces that we lend to faculty members to use for day-care for their children. Users arrange the caregivers at their own expense. The Diversity Promotion Office can also introduce caregivers.

Long-Distance Nursing Care Support

Services are available through a support group we have signed a corporate contract with.

[Counseling]

We offer counseling on everything related to nursing care by email, over the phone, or face-to-face.

[Agency Services]

Specialist staff offer support such as looking after parents who live far away.

Counseling System

Two counselor who specializes in clinical psychology is available for Yamaguchi University faculty members to talk to about anything, including home life. You can also use the system just to feel refreshed.

