

**Announcement of Tenure-Track Faculty Position Opening,
System Control and Robotics in the forefront of Information Science
Nara Institute of Science and Technology, Japan**

Outline

Nara Institute of Science and Technology (NAIST: <http://www.naist.jp/en/>) invites applications for a tenure-track position (Associate Professor) supported by “Program for Promoting Enhancement of Research Universities” of Ministry of Education, Culture, Sports, Science and Technology (MEXT). NAIST is seeking an excellent and ambitious candidate who can promote cutting-edge and interdisciplinary research in the field of “System Control and Robotics.” The successful applicant will be provided with an independent research environment that includes a startup research fund. The appointee recognized as competent after both the midterm evaluation held in the third year and final evaluation in the fifth year, will be promoted to the status of a full-time tenured Professor.

This public invitation is the same post as the recruitment presented at "Leading Initiative for Excellent Young Researchers (LEADER)" of MEXT (https://jrecin.jst.go.jp/seek/JorDetail?fn=1&id=D117020973&ln_jor=0) but since it is a public invitation separately from the above program, it is not mandatory to apply for the outstanding researcher project. We select a candidate for excellence researcher and applicant for this public offering together, and we plan to hire one person.

JOB DESCRIPTION

1. Description: A tenure-track faculty position for a prospective new international leader in an interdisciplinary field of “System Control and Robotics.”
2. Department & Laboratory: Institute for Research Initiatives
(<http://www.naist.jp/kensui/content/en/futureproject.html>)
3. Number of Positions: One Tenure-Track Faculty Position (Associate Professor)
4. Starting Date: October 1st, 2018 (or the earliest possible date afterwards)
5. Tenure Track Term: Five Years (Within this term there will be a three-year evaluation and a five-year tenure review) to become a full permanent professor (Tenure review may be held at the mid-term evaluation if the appointee’s performance is evaluated highly.)
6. Field: System Control and Robotics in the forefront of Information Science:
Innovative research of Information Science based on System Control and Robotics.
NAIST is seeking a younger researcher who can integrate the real world and its constituent elements, define future social systems and explore new (fusion) academic fields, regardless of the conventional contrastive framework such as robot and person, hardware and software. NAIST also expects him/her to have excellent research results and international human network on new fundamental technologies and their

applications leading to next generation robot systems.

7. Qualifications

- (1) Ph.D. (received within the past approximately 10 years)
- (2) Excellent academic achievements in the above field
- (3) A person who will enthusiastically promote the education and research of the Division of Information Science, while performing frontier research

8. Selection Criteria:

- (1) A person deemed having enough career experience and ability in the field of “System Control and/or Robotics.”
- (2) A person who is expected to develop an original interdisciplinary field of “System Control and Robotics in the forefront of Information Science” and become an international leader in this field within three to five years.

9. Terms of Employment

- (1) Workdays: Monday through Friday excluding the following holidays
- (2) Holidays: Saturday, Sunday, national holidays, the end/beginning of the year and the anniversary of the founding of NAIST (October 1st)
- (3) Working hours are left to the professor’s discretion

10. Remuneration: annual salary of more than JPY 7,000,000 (approximately USD 64,800), dependent on career and qualifications

11. Insurance: Employees’ Health Insurance, Employees’ Pension, workers’ accident insurance and employment insurance

12. Research Support

(1) Start-up Allowance

Up to JPY 16,000,000(approximately USD148,100) in total within the first three fiscal years

(2) Research space: 120 m²

(3) Facilities Available

Advanced ITC facilities on campus (Hi-speed network, computer servers for multi-use and scientific calculation, a cloud platform for a large-scale experiment, and so on.) are possible to use.

(4) Academic Support

Assignment of one or two mentor professors for advice and guidance

One post-doctorate staff for the first three years

Several master course students every year and doctorate course students as needed

13. Tenure Review Criteria

- (1) Satisfactory academic and research achievements (journal paper, presentation at international conferences, research funding, master’s thesis instruction, etc.)
- (2) Skilled laboratory management with good judgment and personality, demonstrating ability to serve as NAIST faculty.
- (3) Expected to develop an original interdisciplinary field of System Control and Robotics and become an international leader in this field.

14. Post upon attaining tenure status: Professor
15. Application Materials
 - (1) NAIST format curriculum vitae (download from the site below)
http://www.naist.jp/en/about_naist/job_opportunities/resume_format.html
 - (2) List of research and education achievements (NAIST format, download from the site below)
http://www.naist.jp/en/about_naist/job_opportunities/
 - (3) Considerations and expectations towards education and research (2 pages, A4 size)
 - (4) Names and contact information of two references
16. Selection procedure:
 - (1) First selection: document screening
 - (2) Second selection: Interview by faculty members and a seminar presentation
17. All documents must arrived no later than **July 19th, 2018 (Japan Standard Time)**
18. All documents should be sent to the following address:
Institute for Research Initiative, Nara Institute of Science and Technology, Takayama, Ikoma, Nara 630-0192, Japan
Write 'Job Application' in red on the front of the envelope.
All documents will only be used for the screening and will not be used for any other purposes.
The application documents will not be returned.
19. For inquires please contact: **Research and International Affairs Department, Nara Institute of Science and Technology, 8916-5 Takayama, Ikoma, Nara 630-0192, Japan**
E-mail:ken-sui@ad.naist.jp