

Job Information: Professor or Associate Professor as a Tenure-track Faculty Position
Employer: Yokohama National University (YNU)

The Specialization in Electrical and Computer Engineering, Applied Physics, and Information Systems within the Department of Mathematics, Physics, Electrical Engineering and Computer Science at the Graduate School of Engineering Science, Yokohama National University (YNU) is now inviting applications for a professor or an associate professor as a tenure-track faculty position in the field of electrical and computer engineering. The following is an overview of the position, required qualifications and application procedure:

1. Job title: Tenure-track Professor or Tenure-track Associate Professor

2. The number of positions: 1

3. Job description: Candidate's area of research must be in the following area in Electrical and Computer Engineering:

Hardware, software, and related research areas on Computer architecture, data science, security, quantum computing, 6G system and network, green IT based on computers or information and communication networks.

We expect applications of excellent researchers who have an ability to actively research in the front line in the world. The post-holder will have responsibility for teaching (lectures, laboratory experiments, practice, graduate study) in Specialization in Electrical and Computer Engineering, Applied Physics, and Information Systems in both graduate and undergraduate courses. Alongside educational and research activities, the post-holder is also expected to take a role in administrative duties.

4. Start date: April 1st, 2023, subject to negotiation

5. Term of employment: Term of employment is 5 years, however, candidates with significant achievements during their term will be promoted to a tenured position.

6. Candidates must have a doctoral degree. Candidates whose mother tongue is not Japanese should have a working knowledge of Japanese in order to carry out education and research activities.

7. Compensation: It depends on regulation of a Yokohama National University. Basic salary is determined in accordance with regulations of YNU.

8. Completed applications must be received by June 30th, 2022. And they will then be considered for eligibility. Non-Japanese applicants may apply in English. Completed applications should include the following documents:

- (1) Curriculum vitae with photo and a photocopy of your doctoral degree certificate
- (2) Lists of research achievements, including the lists of refereed journal publications, international conference papers, invited talks, books, etc. Please indicate the impact

factor and the citation number of each refereed journal publication. Also please indicate h-index and total citation number.

- (3) Reprints or copies of about five representative papers in publications and international conferences.
- (4) Lists of research grants and funds (received as a principal investigator or a co-investigator), industry-academia joint research activities, international research activities, patents, etc.
- (5) Summary of research achievements (up to 2 pages including figures and tables)
- (6) Research plan at YNU (up to 2 pages including figures and tables)
- (7) A short statement of your educational goals at YNU (up to 1 page)
- (8) Other information to be noted
- (9) Contact information and addresses of two references (one must be an overseas resident)

9. All the printed documents (1)-(9) should be enclosed in an envelope marked as "Application for a tenure-track faculty position of Electrical and Computer Engineering at YNU" in red, and sent by recorded mail to the address below. A recording media containing electronic files of all the documents should be also enclosed. The online file transfer system of FileSender supplied by the National Institute of Informatics (NII) is available instead of sending the recording media.

10. Contact

Mailing address:

Professor Hideki Ochiai

Electrical and Computer Engineering, Graduate School of Engineering Science,
Yokohama National University

Tokiwadai 79-5, Hodogaya, Yokohama 240-8501, Japan

E-mail address: ece-rec2@ynu.ac.jp

11. After the review of the application documents, face-to-face interviews with successful candidates will be held at YNU in July 2022. The travel expenses and all other expenses for interviews will not be reimbursed. Web interviews are also available upon request.

12. All documents provided will only be used for application purposes. And they will be disposed of safely after the selection is completed in order to maintain the privacy of personal information.

13. YNU welcomes applications from women and non-Japanese researchers.