

Job Information: Assistant 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 an assistant 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 Assistant 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:
Research area: Smart Energy Technologies
Research Field: Research for the electric energy saving, usage, generation, conversion, and distribution to reduce CO₂ emission
 - Energy system engineering
 - Power system engineering
 - Power electronics
 - Energy conversion engineering
 - Energy control engineering
 - Other fields related to energy technology
4. Start date: April 1st, 2022 or the earliest possible date thereafter
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 or are expected to receive a doctoral degree by the time this job starts. 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 September 30th, 2021. 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. Also documents should be sent by E-mail to the address below.

10. Contact

Mailing address:

Professor Yasushi Takemura

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 October 2021. 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.