

Job Information: Assistant Professor as a Tenure-track Faculty Position (quantum information physics experiments)

Employer: Yokohama National University (YNU)

Specialization in Physics at the Graduate School of Engineering Science, Yokohama National University (YNU) is now inviting applications for an assistant professor position as a tenure-track faculty member in quantum information physics experiments. The following is an overview of the position, required qualifications, and application procedure:

1. Job title: Tenure-track Assistant Professor

2. The number of positions: 1

3. Job description: The candidates' research area must be in quantum information physics experiments.

We seek an active person who can cooperate with faculty members working on particle physics experiments (especially Prof. Hideo Kosaka) at our university. The post-holder will be responsible for teaching in the Department of Physics in both graduate and undergraduate courses, and Interfaculty Graduate School of Innovative and Practical Studies.

4. Start date: April 1st, 2026 or the earliest possible date thereafter

5. Address of work location: 79-5, Tokiwadai, Hodogaya-ku, Yokohama, Kanagawa, Japan

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

\*The trial period is six months.

A tenure review may be conducted early depending on the candidate's research and educational achievements during the term.

7. Candidates must have a doctoral degree or are expected to have a doctoral degree by the time of their arrival. Candidates whose mother tongue is not Japanese should have a working knowledge of Japanese to conduct education and research activities.

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

Working hours (Discretionary labor system):

Due to the application of professional discretionary work system, it is considered to have worked 7 hours and 45 minutes per day.

Days off:

Saturdays, Sundays, national holidays, summer holidays (Monday between August 12 and 18), and year-end through New Year holidays (from December 29 to January 3 of the following year).

## Salary:

Annual Salary: 6 million yen ~ 7 million Japanese yen

The above amount is just an estimate. Annual salary system. It depends on the regulation of the Yokohama National University.

Basic Salary will be decided taking your academic background, professional background, etc. into account.

## Various insurances (Social insurance, Labor insurance):

The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, Employee pension insurance, unemployment insurance, workers' accident compensation insurance.

9. Completed applications must be received by July 31, 2025, and will be considered for eligibility. Completed applications should include the following documents:

- (1) Curriculum vitae with photo
- (2) A photocopy of your doctoral degree certificate (doctoral degree holder only)
- (3) Research achievements include lists of refereed journal publications, international conference papers, invited talks, books, and funds (received as a principal investigator or a co-investigator), industry-academia joint research activities, international research activities, patents, etc. Please indicate the impact factor and the citation number of each refereed journal publication.
- (4) Reprints or copies of about five representative papers in your publications
- (5) Achievements showing research activities such as various competitive research funds and grants,, industry-academia-government joint research, international research activities, inventions, patents, etc. (distinguish between principal investigator and co-investigator)
- (6) Summary of research achievements (up to 2 pages, including figures and tables)
- (7) Research plan at YNU (up to 2 pages, including figures and tables)
- (8) A short statement of your educational goals at YNU (up to 2 pages, including figures and tables)
- (9) Contact information and addresses of two references

10. All documents (1)-(9) should be submitted as pdf files (electronic files) using the NII File Sender service provided by the National Institute of Informatics. You must send an email to the following email address (see "11. Contact") with the title "Request for submission of application documents via NII File Sender" at least one week before the application deadline. Then, we will contact you to tell you how to handle the NII File Sender.

## 11. Contact

Mailing address: Professor Hideo Kosaka, Division of Physics, Department of Mathematics, Physics, Electrical Engineering and Computer Science, Graduate School of Engineering Science, Yokohama National University, 79-5 Tokiwadai, Hodogaya-ku, Yokohama 240-8501, Japan

E-mail address: kosaka-hideo-yp@ynu.ac.jp

12. After the review of the application documents, face-to-face interviews with successful candidates will be held at YNU. The travel expenses and all other expenses for interviews will not be reimbursed. Only those candidates who pass the document review and are selected for an interview will be

contacted by e-mail regarding the interview.

Candidates will be notified of the results of the selection process by e-mail.

13. All documents provided will only be used for application purposes. They will be disposed of safely after the selection is completed to maintain the privacy of personal information.

14. Our university welcomes the active application of women and those who have experience in education and research overseas, based on the spirit of the Yokohama National University Declaration of Gender Equality and from the perspective of aiming for diversity of human resources.