

Job Information: Assistant Professor as a Tenure-track Faculty Position (laser spectroscopy)

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 as a tenure-track faculty position in the field of advanced laser spectroscopy. 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: Research area of candidates must be in the field of quantum physics and quantum measurement, especially, optical trap and control, cold atoms, optomechanics and optical frequency comb.

We are seeking an active person, who can cooperate with faculty members working on quantum physics and precision measurement (especially Prof. Hong and Associate Prof. Akamatsu) in our university. The post-holder will have responsibility for teaching in Department of Physics in both graduate and undergraduate courses.

4. Start date: April 1st, 2025 or the earliest possible date thereafter

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

6. Term of employment: 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 in order to carry out 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 October 31, 2024, and will then 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) 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.
- (4) Reprints or copies of about five representative papers in your publications
- (5) Lists of grants and funds (received as a principal investigator or a co-investigator), industry-academia joint research activities, international research activities, patents, etc.
- (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 the printed documents (1)-(9) and a CD-ROM or a DVD-ROM which stores the electronic files (pdf files) of these documents should be enclosed in an envelope marked as "Application documents (laser spectroscopy)" in red, and sent by recorded mail to the address below.

Note: If it is difficult for you to send your application documents by post, you can submit them electronically using the NII File Sender service provided by the National Institute of Informatics. If you hope to submit your application by NII File Sender, you must send an email to the following email address (see "12. 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 inform you how to handle NII File Sender.

11. Destination

Mailing address: Professor Jun Takeda, 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: jun@ynu.ac.jp

12. Contact

Mailing address: Professor Hong Feng-Lei, 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: hong-feng-lei-mt@ynu.ac.jp

13. 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.

14. 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.

15. 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.