

Job Information: Associate Professor or Assistant Professor as a Tenure-track Faculty Position (Naval architecture and ocean engineering (structural mechanics, materials, and design))

Employer: Yokohama National University (YNU)

The Specialization in Systems Design for Ocean-Space within the Department of Mechanical Engineering, Materials Science, and Ocean Engineering at the Graduate School of Engineering Science, Yokohama National University (YNU) is now inviting applications for an associate professor or an assistant professor as a tenure-track faculty position in the field of naval architecture and ocean engineering. The following is an overview of the position, required qualifications and application procedure:

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

2. The number of positions: 1

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

The staff in this position conducts research in the fields of naval architecture and ocean engineering, especially in structural mechanics, materials, and design. Based on these research areas, the successful candidate is also expected to conduct research that contributes to next-generation naval architecture and ocean engineering. Applicants need to have experience in research in the above academic area or related areas, and are expected to demonstrate a strong commitment to research in naval architecture and ocean engineering.

The post holder will be responsible for teaching, including laboratory experiments, practical training, lectures, and supervision of undergraduate and graduate students in the Specialization in Systems Design for Ocean-Space.\*

Alongside educational and research activities, the post holder is also expected to contribute to administrative duties.

\* Regardless of whether the appointment is made at the rank of Associate Professor or Assistant Professor, the post holder will be expected to serve as the principal investigator of a laboratory, manage its operation, pursue their own research, and supervise students assigned to the laboratory, including undergraduate and graduate students. However, if deemed necessary, the laboratory may be operated in collaboration with faculty members in related fields. Based on the post holder's research and teaching achievements during the term of appointment, a review will be conducted for possible promotion to a tenured Associate Professorship.

4. Start date: April 1st, 2027

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

Retirement age of tenured employee is 65.

\*The trial period is six months.

7. Candidates must have a doctoral degree or acquire a doctoral degree before occupying this position. 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, working hours are deemed to be 7 hours and 45 minutes per day.

Days off:

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

Salary:

Annual Salary:

[Associate Professor] 7 million yen ~ 9 million Japanese yen

[Assistant Professor] 6 million yen ~ 7 million Japanese yen

The above amount is just an estimate Annual salary system. It depends on the regulation of 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 August 10th, 2026, 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, or a certificate indicating that you are expected to obtain a doctoral degree (e.g., a certificate of expected completion of the doctoral program)

- (3) Lists of research achievements, including the lists of refereed journal publications, international conference papers (refereed), other international conference papers, conference proceedings, books, invited talks, etc., clearly categorized. Please indicate the impact factor for each refereed journal publication, where available. In addition, please provide your h-index and the total number of citations for your top three most-cited publications.
- (4) Approximately five representative publications (copies)
- (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 major research achievements (within 2 A4 pages, in any format; figures and tables may be included)
- (7) Research plan at YNU (up to 2 A4 pages including figures)
- (8) A statement of your perspectives and aspirations on education and research at the university (within one A4 page)
- (9) Other special remarks (optional, within 1 A4 page)
- (10) One letter of recommendation from a person who can comment on the applicant's qualifications, together with their contact information (name, affiliation, telephone number, and email address)

Non-Japanese applicants may apply in English.

10. All the documents (1)-(10) 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 Yasumi Kawamura, Unit of Systems Design for Ocean-Space, Department of Mechanical Engineering, Materials Science, and Ocean Engineering, Graduate School of Engineering Science, Yokohama National University, 79-5 Tokiwadai, Hodogaya-ku, Yokohama 240-8501, Japan

E-mail address: kawamura-yasumi-zx@ynu.ac.jp

12. After a review of the applications, interviews will be held at YNU with successful candidates from late August to September 2026. Those who are invited to interviews will not be reimbursed for travel expenses. 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 and will be disposed of safely after the selection is completed in order 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.