

Tenure Track Position at the Department of Physics, Faculty of Science, Shizuoka University, Japan

Department of Physics, Faculty of Science, Shizuoka University is inviting applications for five year's tenure track assistant professor position with financial support for research. Aimed at development of research activity and educational activity in the Department of Physics, Faculty of Science is seeking a tenure track assistant professor for researching in the area of physics.

Tenure track system at Shizuoka University aims to provide promising young researchers with opportunities to promote their scientific carriers, and to nurture their talents and skills in research, leadership, management, and education. Holders of tenure track positions are expected to primarily undertake scientific research in their respective fields. However, since eventually they will also undertake teaching responsibilities, tenure track program includes duties to guide thesis projects of students. Holders of tenure track positions are promoted to tenured positions upon successful completion of tenure track program. Extremely competent individuals may be promoted to tenured positions even earlier.

Shizuoka University hires professors to promote internationalization both in education and research. In addition, Shizuoka University is committed to equal employment opportunities regardless of race, nationality, religion, or gender.

1. Job Overview

Department of Physics promotes education and research aimed at the development of human resources who will be active nationally and internationally in the field of Physics. The successful candidate would be expected to promote the top-level academic research independently in these fields and contribute to teaching physics for Bachelor / Master course students.

Table 1

Field	Subfield	No. of Positions	Contacts
Experimental Physics	Condensed Matter Physics in a broad sense including Quantum Optics, Soft Matter, Quantum Informatics, and etc.	One Assistant Professor	Professor Masashige Matsumoto E-mail: masashige.matsumoto@shizuoka.ac.jp

2. Starting date

The successful candidate is expected to start on April 1, 2022.

3. Job description

(1) Duration

Five years from the start of employment.

(2) Assessment of Tenure track Position

Performance of the tenure track position holder will be evaluated on a regular basis. The assessment will be aimed at evaluating his/her capabilities in scientific research, leadership, acquisition of competitive research funding, and providing teaching and

tutorship for Bachelor/Master course students. The assessment will take into account the original research plan, mid-term and final research goals submitted at the start of employment, and results of interviews. The assessment will be scheduled as follows:

- 1) Yearly evaluation will take place at the end of first, second, and fourth years.
 - 2) An interim assessment will be conducted within the month following expiry of two and a half years since the start of employment.
 - 3) The final assessment will be conducted within the month following expiry of four and a half years since the start of employment.
- * Successful assistant professor will be promoted to lecturer (acquire tenure until the retirement age (currently 65 years old)).

(3) Remuneration: annual salary system

- 1) Allowances, including those for dependents, management, housing, commutation, special work, overtime work and midnight work will be provided in accordance with the Shizuoka University guidelines.
- 2) Relocation expenses will be covered in accordance with the Shizuoka University guidelines.

(4) Research Support

- 1) During the first year, a start-up fund of 3,500,000 yen and an independent research space will be provided. During the second year, research fund of 1,400,000 yen will be provided. During the third, fourth and fifth years, research fund of 700,000 yen per annum will be provided.
- 2) The successful candidate shall conduct research under the guidance of mentor/research advisor.
- 3) The research fund may be changed according to the condition of the future budget.

(5) Primary Responsibility

- 1) In addition to research on a special field, support for the subjects on seminar / experimental work / lecture for the students are obligated.
- 2) Applicants must have enthusiasm for research and education in the emerging field of Physics. Approximately 70% of efforts during the period of the employment will be focused on research and 30% on education.

(6) Place of work

- 1) The successful candidate shall be assigned to work at Shizuoka Campus of Shizuoka University (Shizuoka City, Shizuoka Prefecture, Japan).

4. Qualifications

- (1) Applicants must receive a doctoral degree until the employment starts.
- (2) It must be within ten years of obtaining a doctoral degree on October 1, 2021. Applicants are required to have been performed outstanding research of experimental physics in the fields listed in Table 1.
- (3) Applicants are required to have ability to teach and communicate smoothly in Japanese.

5. Documents for Submission

- (1) Curriculum vitae (with photograph)
- (2) Publication list
 - ① Original paper, proceedings of international conference, book, and other type articles are described separately.

- ② Distinguish between corresponding author and co-author.
 - ③ Underline the applicant's name in the authors.
 - ④ Add the latest impact factor of the journal that you published your paper to the publication list.
 - ⑤ Add the number of citations of each paper to the publication list according to Web of Science.
 - ⑥ Add mark, for instance *, to the publication list in order to distinguish your five major papers.
- (3) Funding list
- ① Describe the Grants-in-Aid for Scientific research (JPSJ KAKENHI) and other grants separately.
 - ② Total budget is required for each grant.
 - ③ Clarify that you are the representative or a shared member of the research project of the grant.
- (4) Award and Patent (Title, Awarding Institution Name, Year)
- (5) Outline of your research so far (A4 size within 2 pages)
- (6) Research plan for the next five years (A4 size within 2 pages)
- (7) Educational experience and aspiration for education (A4 size within 1 pages)
- (8) Names of two persons other than the recommender who can comment on the applicant's education and research.
- (9) Five major papers (pdf files)
- (10) One recommendation letter with signature (pdf file)

[Note] * Important

- [1] The above documents must be written in English or Japanese.
- [2] The above documents from (1) to (8) must be connected as one pdf file. Submit the file with those of (9) through the upload site shown in the last part of this document. Submissions via E-mail and post mail are not available. The submitted documents are not returned. Personal information contained in the submitted documents will not be used for any purpose other than the selection.
- [3] The recommendation letter in (10) above is required to be submitted by the recommender by herself/himself.
- [4] If you wish to consider the period of research interruption due to taking prenatal, postnatal leave or childcare leave, you can state so.

6. Deadline

17:00, September 10, 2021 (Japan time)

7. Selection Procedure

Document Review: Mid September 2021 – Mid October 2021

Interview: Late October 2021 - Mid November 2021

Only those who have passed the document review will be notified for an interview. Travel expenses will not be disbursed. For oversea candidates, Zoom is available for the interview.

If several applicants have similar abilities, then female or applicants which have obtained a doctoral degree abroad will get an advantage. Temporary suspension of research due to maternity or childcare leave in your work record will not be a disadvantage for selection. State clearly in the application form if this applies to your situation.

8. Contact

The person who you can contact when you have questions:

Masashige Matsumoto

Department of Physics, Shizuoka University

matsumoto.masashige@shizuoka.ac.jp

9. Website (URL) for the submission (application form and recommendation letter)

<https://sway.office.com/9EN6M78KrpYSE8NS?ref=Link>