

Professor position
Department of Physics, Institute of Pure and Applied Sciences, and Plasma Research Center
University of Tsukuba

Position:

Professor (1 person)

Affiliation:

Department of Physics of Institute of Pure and Applied Sciences
Plasma Research Center
University of Tsukuba

Educational organization in charge:

Doctoral and Master's Programs in Physics, Degree Programs in Pure and Applied Sciences
College of Physics, School of Science and Engineering

Status of employment:

Full-time (Tenured - Non-tenure track)

Working hours: 08:30-17:15

Break time: 12:15-13:15

Holidays : Every Saturday and Sunday, National holidays, New Year's holiday season (12/29-1/3)

Overtime and other explanations: Working hours: 7 hours 45 minutes per day, 5 days per week, 38 hours 45 minutes per week. Based on agreement, either discretionary labor system for professional work (the working hours for a day are deemed as 7 hours 45 minutes) or fixed working hours system (including variable working hours system) will be applied.

Salary :

Annual income: 7 million Yen ~ 11 million Yen

Basic annual salary system (annual salary amount is based on University of Tsukuba's regulations)

Contents of work, Research field:

Plasma Research Center promotes research on plasma confinement, heating, advanced diagnostics, divertor simulation, plasma-wall interaction and so on by using tandem mirror GAMMA 10/PDX and superconducting mirror Pilot GAMMA PDX-SC with a plasma group in Department of Physics of Institute of Pure and Applied Sciences.

We are looking for candidates who have achievement in the field of plasma and fusion research, and have strong motivation to run the center and to promote projects undertaken at Plasma Research Center. In addition, they should be also motivated to educate students in College of Physics of School of Science and Engineering, and Doctoral and Master's Programs in Physics.

Starting date:

As soon as possible after 1st April 2025

Qualification:

An applicant should have a PhD

Application Process:

Please submit the following documents as PDF files, compressed into one file in ZIP format, through the JREC-IN Portal Web. Please note that submissions by mail or e-mail attachments will not be accepted in principle.

Please note that incomplete documents may not be considered for review, so please be careful when preparing them. Documents submitted will not be returned.

Application forms:

- (1) Curriculum vitae (includes full name, contact information and e-mail address, applicant's portrait, date of birth, post-high school education, employment and research history, academic affiliations, etc.)
- (2) List of research achievements (Categorized as journal articles, international conference papers, books, patents, awards, etc. Distinguish between peer-reviewed and other academic papers.)
- (3) Acquisition of external funding
- (4) PDF files of five major peer-reviewed papers (the four papers shall be limited to five years.)
- (5) Summary of applicant's research activities (not more than 2 pages)
- (6) Applicant's policy for education and future research plan (not more than 1 page)
- (7) Two recommendations
- (8) Self-Declaration on Specific Categories (form prescribed by University of Tsukuba)
<https://www.prc.tsukuba.ac.jp/ja/reqdocuments/>
- (9) In addition to the above documents, applicants located in the GDPR applicable countries must also submit a Consent to Processing and Extraterritorial Transfer of Personal Data under GDPR (EU General Data Protection Regulation).
<https://www.prc.tsukuba.ac.jp/ja/reqdocuments/>

Selection process:

After screening of documents, candidates will be selected for an interview (face-to-face or online).

Application Deadline:

16th December, 2025, Japan Standard Time

Contact person for inquiries:

Mizuki Sakamoto

Professor, Institute of Pure and Applied Sciences

Director, Plasma Research Center

Phone: +81 29 853 7468 E-mail: sakamoto@prc.tsukuba.ac.jp

Others:

- (1) Personal information contained in the submitted documents will not be used for any purpose other than selection and recruitment. All personal information will be properly destroyed after the selection process is complete.
- (2) The University conducts personnel selection in accordance with the spirit of the “Basic Law for a Gender-Equal Society” and the principles and policies of the “University of Tsukuba Basic Principles and Basic Plan for Diversity.
- (3) In accordance with the “Foreign Exchange and Foreign Trade Act”, the University of Tsukuba has established the “National University Corporation University of Tsukuba Security Export Control Regulations”, and strict screening is conducted for the employment of foreign nationals and persons from foreign universities, companies, government agencies, etc. or persons falling under specific categories.
- (4) If the interview is face to face, transportation and other expenses are to be borne by the applicant.