

Position Title

Postdoctoral Researcher (Program-Specific, Fixed-Term)

Number of Positions

One

Affiliation / Work Location

Department of Fundamental Energy Science, Graduate School of Energy Science, Kyoto University

Gokasho, Uji, Kyoto 611-0011, Japan

Scope of Changes: The place of work may include the employee's home or another University-approved location if the University permits or requires remote work.

Position Overview

The successful candidate will engage in research on magnetically confined fusion plasma toward the realization of fusion energy under the Cabinet Office's Moonshot Goal 10 program. The appointee will be responsible for one or more of the following research topics, depending on their expertise and the progress of the project:

1. Large-scale numerical simulations to reproduce and predict magnetically confined fusion plasma experiments
2. Development of transport models based on simulation data and their implementation into integrated transport codes

Specific research duties will be determined in consultation with the successful candidate.

Qualifications

- A Ph.D. degree (or expected to obtain a Ph.D. before the start date)
 - Research experience in one or more of the following fields is preferred:
 - Fusion science
 - Computational and mathematical sciences
 - AI / data-driven science
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Employment Period

October 1, 2026 (or later, negotiable) – March 31, 2028

The contract may be renewed; the maximum term is until March 31, 2030.

Renewal will be determined based on factors such as the amount of work, work performance, attitude, ability, progress of assigned duties, financial situation, and the status of the external funding supporting the position.

Probationary Period

Six months

Working Conditions

This position is subject to the Discretionary Labor System for Professional Work.

Deemed working hours are 38 hours 45 minutes per week (7 hours 45 minutes per day).

If the Discretionary Labor System is not applied, standard working hours are 8:30 AM to 5:15 PM, five days per week, including a one-hour break from 12:00 PM to 1:00 PM.

Overtime work may be required.

Holidays: Saturdays, Sundays, Japanese national holidays, year-end and New Year holidays, University Foundation Day (June 18)

Salary

Annual salary: JPY 5,400,000 or higher (equivalent to JPY 450,000 per month or higher)

Enrollment in the MEXT Mutual Aid Association, Employees' Pension Insurance, Employment Insurance, and Workers' Accident Compensation Insurance

Application Procedure

Applicants should submit the following documents in PDF format by email.

Email subject line: "Application for Program-Specific Researcher Position"

Required documents:

1. Curriculum Vitae (with photograph)
2. List of publications and research achievements
3. Summary of past research and a statement of research interests and plans (combined, within two A4 pages)

Send applications to:

Kenji Imadera

Department of Fundamental Energy Science

Graduate School of Energy Science, Kyoto University

E-mail: imadera.kenji.7z*kyoto-u.ac.jp (replace * with @)

Application Deadline

Tuesday, June 30, 2026

Applications will be reviewed until the position is filled. The recruitment process may close earlier if a suitable candidate is selected.

Selection Process

After an initial document screening, shortlisted candidates will be invited for an interview. Further details will be provided to selected applicants.

Additional Information

- Submitted documents will be used solely for recruitment purposes and will not be shared with third parties without legitimate reasons.
- Kyoto University is committed to promoting gender equality and strongly encourages applications from women researchers.
- Kyoto University prohibits indoor smoking across all campuses and restricts outdoor smoking to designated areas only.