

July 24, 2026

To Whom It May Concern,

Kyushu University, Research Institute for Applied Mechanics
Director Yoshihiro Kangawa

Research Position Announcement

The Research Institute for Applied Mechanics (RIAM), Kyushu University, Japan, is now accepting applications for a position of post-doctoral researcher in the division of Nuclear Fusion Dynamics. We would appreciate it if you could forward this information to the parties concerned. Please also refer to the URL below for more information about RIAM

<https://www.riam.kyushu-u.ac.jp/en/index-e.html>

1. Position: One post-doctoral researcher
2. Term of employment: From the earliest possible date after the hiring decision through March 31, 2027.

Contract Renewal: Renewal is possible, which is determined at the end of the contract period based on workload, job performance, work attitude and ability, progress of assigned duties, budget availability, and health condition.

Maximum Contract Period: The total period of employment in Kyushu University, including any renewals, shall not exceed ten (10) years.

3. Affiliation: Division of Nuclear Fusion Dynamics, Research Institute for Applied Mechanics, Kyushu University

4. Research Subject:

The successful candidate will engage in the research on magnetically confined fusion plasma toward the realization of fusion energy under the Cabinet Office's Moonshot Goal 10 program (<https://ms10ds.nifs.ac.jp/>). The appointee will be responsible for one or more of the following research topics related to virtual laboratories for magnetic confinement fusion energy systems, especially tokamak system, depending on their expertise and the progress of the project:

(1) Development of numerical simulation modules that constitute the integrated modeling suite for magnetic confinement systems, and code maintenance including inter-module coupling scheme.

(2) Development of other related plasma simulation codes, analyses of physical mechanisms, and modeling of magnetic confinement systems.

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

5. Qualification requirements: Applicants must have a Ph.D. at the time of appointment.
Previous research experience in any field is acceptable. However, programming experience using Python, C, or Fortran is preferred.

6. Date of appointment: The earliest possible date after the hiring decision
7. Address of work location: Research Institute for Applied Mechanics, Kyushu University (6-1 Kasuga-koen, Kasuga, Fukuoka 816-8580)
8. Compensation:
 - 1) Salary: Monthly salary is between 350,000 and 400,000 yen. The amount of salary will be determined in accordance with the relevant regulations of the University based on academic and professional background.
 - 2) Working hours: Based on the employee's consent, Kyushu University applies the Discretionary Labor System for Professional Work, under which the employee is allowed to engage in their work at their own discretion regarding the means and allocation of time for performing the work, and is deemed to have worked the prescribed working hours (7 hours and 45 minutes per day).
 - 3) Days off: Every Saturday and Sunday, national holidays, summer holidays, annual paid leave, and other days as specified by the University (e.g., the New Year holiday period).
 - 4) Insurance: The health insurance, pension insurance, mutual retirement pension programs of Ministry of Education, Culture, Sports, Science and Technology Mutual Society, and employment insurance of Ministry of Health, Labor and Welfare.
 - 5) After being appointed to this position, there is a possibility to be hired as a program-specific assistant professor with a fixed term for the duration of the project, if the specified requirements are satisfied.
9. Required documents: The following documents from 1) to 5) in order into one PDF file must be uploaded to the designated URL.
 - 1) Curriculum vitae: a recent photographic portrait, contact information (address, Tel, and E-mail), educational records, professional records, awards, and activities in academic societies must be included.
 - 2) List of publications including papers (refereed and non-refereed, in print and submitted), reviews, books, patents, etc.
 - 3) Reprints of up to three selected papers.
 - 4) Summary of research experience and statement on the future research plan with about 3 pages of A4 paper which may include figures and tables if necessary. Categorize major research topics and explain their achievements with indicating relevant papers. Citations, evaluations, and use from other papers and books, etc. regarding the achievements may be briefly described.
 - 5) Names and contact information of two professional references.

Note that depending on the status of the selection process, additional documents and interviews will be requested.

10. Application deadline: All the required documents must be received by September 30, 2026. Note that we will conduct interviews on an ongoing basis and will close applications once all positions have been filled.

11. Address of contact and submission:

Prof. Naohiro KASUYA

Research Institute for Applied Mechanics, Kyushu University

6-1 Kasuga-koen, Kasuga, Fukuoka 816-8580, Japan

E-mail: kasuya@riam.kyushu-u.ac.jp, Tel: +81-92-583-7766

Submission is accepted online only. When submitting, please contact us at the above e-mail address. Upon receipt of applicant's e-mail, we will reply with instructions on how to upload the documents to be submitted. If you have not received a reply within 2 days, please contact us at the phone number above. Please read and agree to the following URL before applying.

<https://www.kyushu-u.ac.jp/en/website/privacypolicy/jobapplicants>

Application documents will be used only for the purpose of this selection process and will be disposed of responsibly after the selection process is completed.

12. Additional information:

1) This call is supported by the Cabinet Office's Moonshot Goal 10 program.

2) Kyushu University is an equal opportunity employer and follows the principles of the Basic Act for Gender Equal Society (Act No.78 of 1999), Basic Act for the Disabled Persons (Act. No.84 of 1970, revised in 2004 and 2011), Act on Employment Promotion etc. of Persons with Disabilities (Act No. 123 of 1960, revised in 2013), and the Act on the Elimination of Discrimination against Persons with Disabilities (Act No. 65 of 2013).

3) Kyushu University deployed the System of Employment of Faculty Members with Accompanying Spouse (July 2017 and amended January 2018). For further information, visit the following university website: <https://danjyo.kyushu-u.ac.jp/en/>

4) If you have been disciplined in the past for sexual violence, including sexual harassment, against students, please be sure to enter the nature of the disciplinary action and the specific reasons for it in your resume or other documents. False statements may result in cancellation of employment or disciplinary action.

5) Preventing Passive Smoking: NO smoking on the university premises.

6) Kyushu University provides various programs to support stuffs by improving researcher's environment, including:

- Support for acquiring research funding
- Support for early-career researchers
- Support for continuing research during life events such as childbirth and childcare, and so on

Further details are available at: <https://www.kyushu-u.ac.jp/en/university/career/support>