

This document is a translated copy of the Japanese version.

Job opportunity at the

Institute for Space-Earth Environmental Research, Nagoya University (ISEE job opportunity announcement No. 9 FY2024)

1. Job title and number of positions: Professor, one position
2. Employer: Tokai National Higher Education and Research System (THERS)
3. Affiliation: Division for Cosmic-ray Research, Institute for Space-Earth Environmental Research
4. Position Details

Mission of ISEE and Division for Cosmic-ray Research: The Institute for Space-Earth Environmental Research (ISEE)<sup>\*1</sup>, Nagoya University, conducts studies to elucidate the mechanisms and interactions of various phenomena in the holistic Earth, Sun, and Universe system. The mission of ISEE is to contribute to solutions for global environmental problems facing humankind and to the progress of human society spreading into space through the integration of space science and earth science. ISEE plays a unique role in linking these disciplines as one of Japan's Joint Usage / Research Centers<sup>\*2</sup> and promotes a wide variety of collaborative research. To realize this mission, ISEE has organized seven research divisions, three research centers, and an Office for the Development of Interdisciplinary Research Strategy. The Division for Cosmic-ray Research<sup>\*3</sup> conducts broad research on physical processes in extreme environments in the universe and their effects on terrestrial environments by studying acceleration, propagation, and interaction of cosmic rays from their origins until their arrival at the Earth.

Job details:

(Immediately after being hired):

The successful candidate for this position is expected to play leading roles in the research of cosmic-ray neutrino at Super Kamikande and Hyper Kamikande, to explore a wide range of next generation of astroparticle physics such as direct dark matter searches, and also to actively develop brand-new cosmic-ray instruments.

In addition, we expect the candidate to be actively involved in education, such as astroparticle physics lectures and physics experiment classes, as a member of the Graduate School of Science and Physics Department, Nagoya University, and to work for joint research with domestic and international researchers, fully understanding the ISEE's mission as a Joint Usage / Research Center.

(Scope of change):

Operations designated by Tokai National Higher Education and Research System  
Position: One Professor position

Date of appointment: Earliest possible date after July 1, 2025

Work location:

(Immediately after being hired)

Chikusa Ward, Nagoya City, Aichi Prefecture

(Scope of change)

Work location designated by Tokai National Higher Education and Research System

5. Research field

- Natural Science - Experimental studies related to particle-, nuclear-, cosmic ray and astro-physics

6. Employment type:

Full time (tenured)

Due to the University rule, any tenured position will be terminated at the end of the Japanese fiscal year after one becomes 65 years old.

The probationary period: six months.

7. Qualifications:

The candidate should hold a PhD degree.

There is no restriction on the candidate's nationality. However, the candidate is required to be fluent in English to give lectures in English. The candidate is also expected to acquire sufficient Japanese language skills to handle administrative tasks within a few years.

8. Employment conditions:

General employment condition is described in the rules of employment of Tokai National Higher Education and Research System.

[https://education.joureikun.jp/thers\\_ac/act/frame/frame110010928.htm](https://education.joureikun.jp/thers_ac/act/frame/frame110010928.htm)

Salary shall be based on the annual salary system as stipulated in the salary rules for faculty members covered by the annual salary system of Tokai National Higher Education and Research System.

[https://education.joureikun.jp/thers\\_ac/act/frame/frame110001585.htm](https://education.joureikun.jp/thers_ac/act/frame/frame110001585.htm)

Under the Discretionary Labor System for professionals, the employee is considered to have worked 7 hours and 45 minutes per day.

Days off: Saturdays, Sundays, national holidays, and New Year's holidays from December 29th to January 3rd.

Insurance coverage: Mutual Aid Association of the Ministry of Education, Culture, Sports, Science and Technology, Employees' Pension, Workers' Accident Compensation Insurance, and Employment Insurance.

Passive smoking prevention measures: Smoking is prohibited on campus in principle.

9. Application deadline: 17:00 JST, March 31, Monday, 2025

10. Application documents to be submitted:

- A curriculum vitae

- A summary of past research activities (A4 or US letter size, maximum 2 pages)
- List of publications and research activities
- List of up to 5 major publications (please include URL and the number of citations)
- List of competitive research funds and grants obtained so far (Please indicates funds obtained as principal investigator)
- A statement of future research plans (A4 or US letter size, maximum 4 pages; Please include also a statement on commitment to the Joint Usage / Research Center and to education.)
- Possible start date
- Two letter of recommendations from multiple countries/regions. Please request referees to send the letter in the PDF format as an email attachment by the application deadline.
- Applicable Specific Category Determination Form \*See 12. 3)

#### 11. Application procedure:

Applicants are required to make one PDF file that includes all documents except recommendations letters and send it by email to the following address with the subject "Application for ISEE job opportunity No. 9 FY2024."

inst-recruit(at)t.mail.nagoya-u.ac.jp \*Please replace the (at) with @

(A receipt confirmation will be sent by email within 3 business days after the submission. If you do not receive the confirmation email by then, please contact the address in " Contact: 1)") Regarding documents to be submitted.")

Contact:

- 1) Regarding documents to be submitted  
Personal Affairs Section, General Affairs Division Institute for Space-Earth Environmental Research, Nagoya University,  
Furo-cho, Chikusa-ku, Nagoya, Aichi 464-8601, Japan  
Email: ken-jin(at)t.mail.nagoya-u.ac.jp \*Please to replace the (at) with @  
Phone: +81-52-747-6305 Fax:052-747-6313
- 2) Regarding ISEE and application content  
Prof. Hiroyasu Tajima  
Institute for Space-Earth Environmental Research, Nagoya University,  
Furo-cho, Chikusa-ku, Nagoya, Aichi 464-8601, Japan  
Email: tajima(at)nagoya-u.jp \*Please to replace the (at) with @  
Phone: +81-52-789-4314 FAX:052-789-4313

#### 12. Remarks:

- 1) Personal information provided in relation to the application will be used only for the purpose of screening. Upon completion of the screening, we

will securely dispose of all personal information except for the information of the successful candidate.

- 2) The Institute for Space–Earth Environmental Research is an active promotor of gender equality. Refer to the web page below for more detail.  
<https://www.kyodo-sankaku.provost.nagoya-u.ac.jp/>
- 3) In November 2021, with the clarification of the scope of control of "deemed exports" under the Foreign Exchange and Foreign Trade Act ("FEFTA"), a portion of the provision of confidential information must comply with FEFTA. Technology provided by universities and research institutions to faculty and staff is subject to FEFTA control. As a result of this change, faculty applications will also be subject to FEFTA controls. When applying for this solicitation, you will be required to submit an Applicable Specific Category Determination Form in accordance with the Applicable Specific Category Determination Flowchart. Please download the form below and submit it.  
<https://nuss.nagoya-u.ac.jp/s/bLFocRofmoj83zp>  
In addition, faculty members are required to submit a "Confirmation Form" at the time of employment.

The contents herein are originally created in Japanese. If any discrepancies do exist, the original Japanese version shall prevail.

(\*1) Refer to the following for ISEE. <https://www.isee.nagoya-u.ac.jp/>

(\*2) Refer to the following for the Joint Usage / Research Center.  
[https://www.mext.go.jp/a\\_menu/kyoten/](https://www.mext.go.jp/a_menu/kyoten/)

(\*3) Refer to the following for the Division for Cosmic-ray Research.  
<https://www.isee.nagoya-u.ac.jp/isee/research/study01.html>  
<https://www.isee.nagoya-u.ac.jp/CR/>