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Job opportunity at the
Institute for Space-Earth Environmental Research, Nagoya University
(ISEE job opportunity announcement No. 1 FY2024)

1. Job title and number of positions: Professor, one position
2. Affiliation: Division for Heliospheric Research, Institute for Space-Earth Environmental Research
3. Background and requirements:

(1) About ISEE and Division for Heliospheric Research:

The Institute for Space-Earth Environmental Research (ISEE)*¹, 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*² and promotes a wide variety of collaborative research. To realize this mission, ISEE has organized seven research divisions, three research centers, and Office for the Development of Interdisciplinary Research Strategy. The Division for Heliospheric Research*³ conducts solar wind research by observing interplanetary scintillation (IPS) using multi-point large radio telescopes which are joint-use facilities.

(2) Job details:

(Immediately after being hired): The successful candidate for this position will develop observational research on the formation and acceleration of the solar wind and coronal mass ejections (CMEs), the structure and dynamics of the heliosphere, space weather forecasts, and other subjects on the heliosphere with an international perspective, as well as promote the development of new observation instrument for heliospheric research, as the head of the Division for Heliosphere Research. In addition, we expect the candidate to be actively involved in education as a member of the Graduate School of Science, 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

(3) 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

4. Qualifications:

The candidate should hold a PhD degree. There is no restriction on the candidate's nationality. However, the candidate is required to have the minimum necessary English language skills to make lecture in English. The candidate is also required to have the minimum necessary Japanese language skills to handle administrative work and is required to have prospects for acquiring sufficient Japanese language skills within a few years.

5. Employment status: Full-time (Tenured), but up to the end of fiscal year (March 31) when candidate fulfilled age reaches 65.

6. Treatment (salary, working hours, holidays, insurance, etc.)

(1) As stipulated in the rules of employment of Tokai National Higher Education and Research System.

https://education.joureikun.jp/thers_ac/act/frame/frame110010928.htm

(2) Salary shall be based on the annual salary system as stipulated in the salary regulations 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

(3) Under the professional duties-type discretionary labor system, the employee is considered to have worked 7 hours and 45 minutes per day.

7. Date of appointment: April 1, 2025 (Tuesday)

8. Application deadline: 17:00 JST, August 30, 2024 (Friday)

9. Selection method: Document screening and interview, when necessary.

10. Documents to be submitted:

1) A curriculum vitae

2) A summary of past research activities (A4 or US letter size within 2 sheets)

3) List of publications and research activities (organized to follow: **a.** first-authored peer-reviewed papers, **b.** co-authored peer-reviewed papers, **c.** books, **d.** non-peer-reviewed papers, **e.** invited lectures, **f.** others. If a DOI is registered for any item, please ensure it is included.)

- 4) List and copies of major publications (up to 5 major papers; please include DOI and the number of citations)
- 5) List of external funds earned so far (Those as principal investigator and others, separately)
- 6) 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.)
- 7) Possible start date
- 8) Names, affiliations, and email addresses of three professional references (Those who belong to multiple countries/regions should be included.)
- 9) Applicable Specific Category Determination Form *See 13. (3)

11. Application procedure:

Applicants are required to make one PDF file that includes all documents and send it by email to the following address with the subject "Application for ISEE job opportunity No. 1 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 receipt confirmation email by then, please contact the address in "12. Contact: 1) Regarding documents to be submitted.")

12. 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. Kanya Kusano

Institute for Space-Earth Environmental Research, Nagoya University, Furo-cho, Chikusa-ku, Nagoya, Aichi 464-8601, Japan

Email: kusano(at)nagoya-u.jp *Please to replace the (at) with @

Phone: +81-52-747-6337 FAX : 052-747-6334

13. 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. Browse 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 FEFTA is subject to 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/

- (*3) Refer to the following for the Division for Heliospheric Research.

<https://stsw1.isee.nagoya-u.ac.jp/>