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Job opportunity at the
Institute for Space-Earth Environmental Research, Nagoya University
(ISEE job opportunity announcement No. 5 FY2024)

1. Employer: Tokai National Higher Education and Research System (THERS)
2. Job title and number of positions: Associate Professor or Assistant Professor, one position
3. Affiliation: Division for Integrated Studies/Center for Integrated Data Science
4. 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

(1) About ISEE and Division for Integrated Studies:

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 Space 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 the International Joint Usage / Research Centers and promotes a wide variety of collaborative research. The Division for Integrated Studies conducts comprehensive research aimed at a thorough understanding of the space-earth environment and the prediction of changes in it, mainly through data analysis and simulation research, and also provides an education that integrates science and engineering in cooperation with the Nagoya University Faculty of Science and Faculty of Engineering. In addition, the Center for Integrated Data Science, an affiliated center, conducts research and development to realize advanced research on space-earth environmental systems based on analysis of large-scale data on the space-earth environment and advanced numerical simulations.

6. Job details:

(Immediately after being hired): The successful candidate for this position will promote research on the heliospheric system, space-earth environment, and space weather with a focus on the Earth, Moon, and planetary ionosphere/magnetosphere on an international basis based on advanced observational data analysis, advanced numerical simulations, or state-of-the-art data science. In particular, we seek a faculty member who can promote comprehensive research in collaboration with the Division for Integrated Studies and the Institute members.

The candidate is also expected to serve concurrently at the Center for Integrated Data Science and to play a leading role in the research and development of data related to space and earth environment research in Japan. The successful candidate will also be actively involved in undergraduate and graduate education as a faculty member of the Faculty of Science at Nagoya University, and will contribute to the development of the Institute with a full understanding of its role as an International Joint Usage / Research Center, and advance international joint research and interdisciplinary research.

(Scope of change): Operations designated by Tokai National Higher Education and Research System

7. 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 lectures 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.

8. Employment status:

For the Assistant Professor, following the Regulation for Tenure-Track System in Nagoya University, the duration of the tenure-track faculty position at the level of Assistant Professor will be a maximum of five years. Before the five-year term is complete, performance in the areas of research, education, and contribution to the activity of Joint Usage/Research Center will be assessed. A positive

assessment will lead to a tenured appointment as either an Assistant Professor or Associate Professor. Note that granting tenure does not accompany promotion to a higher rank. For details on the tenure-track career path, please contact us.

The probationary period for both associate and assistant professors is six months.

9. 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.

(4) Closed on Saturdays, Sundays, national holidays, and year-end and New Year holidays (December 29-January 3)

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

(6) As a general rule, smoking is prohibited on campus as a measure to prevent passive smoking.

10. Date of appointment: The earliest possible time after June 1st, 2025.

11. Application deadline: February 1st, 2025

12. Selection method: Document screening and interview when necessary.

13. Documents to be submitted:

1) Possible start data/ Desired position

2) A curriculum vitae

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

4) List of publications and research activities.

Please compile a list of peer-reviewed papers, separating first-authored and co-authored papers, and aggregate it in the ADS Library (<https://ui.adsabs.harvard.edu/>). Set it to public and provide the URL. Alternatively, you may use similar web services that provide citation counts and h-index, such as SCOPUS or Google Scholar. Additionally, please attach PDF files of your five major papers

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 four pages;

Describe your future research plan and your aspirations. In particular, clearly explain how you plan to conduct comprehensive research in collaboration with the Division of Integrated Studies or other faculty members at the institute, as well as how you intend to contribute to education and the International Joint Usage/ Research at the institute.)

7) Names, affiliations, and email addresses of two professional references
Obtain their consent in advance.

9) Applicable Specific Category Determination Form *See 13. (3)

14. 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. 5 FY2024."

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

(A receipt confirmation will be sent by email within three 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.")

15. 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. Hideyuki Hotta

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

Email: hotta.h(at)isee.nagoya-u.ac.jp *Please replace the (at) with @

Phone: +81-52-747-6335 FAX : 052-747-6334

16. 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 details.

<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 Division for Integrated Studies.

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

(*3) Refer to the following for the Center for Integrated Data Science

<https://cidas.isee.nagoya-u.ac.jp/index.shtml.en>