Job opportunity in the Institute for Space-Earth Environmental Research (ISEE), Nagoya University, Japan (ISEE job opportunity No. 6 FY2026)

1. Job title/quantity: Designated Assistant Professor (1)

2. Employer: Tokai National Higher Education and Research System (THERS)

3. Affiliation: The Designated Assistant Professor belongs to the Center for International Collaborative Research (CICR) of ISEE. The Designated Assistant Professor will also belong to Integrated Studies Division

4. Field and Mission: The Institute for Space-Earth Environmental Research (ISEE) at Nagoya University seeks a designated assistant professor for research into the dynamics of the Earth's magnetosphere with two directions. One direction is to study transport and energization processes of ions and electrons in the magnetotail and inner magnetosphere based on analysis of spacecraft data from Arase (ERG) mission, for which ISEE operates the Mission Science Centers (Center for Heliospheric Science) in cooperation with JAXA/ISAS. Another direction is to study interhemispheric magnetic conjugacy directly related to the magnetic mapping between different regions, using the data from all-sky camera, induction magnetometer and riometer at Husafell near Tjornes in Iceland operated by ISEE in collaboration with National Institute of Polar Research (NIPR), and all-sky camera data from Syowa station in Antarctica (in collaboration with NIPR). The successful candidate is expected to have good background in physics and mathematics including statistics and data analysis and developed skills in using Python/MATLAB/IDL. Some background in space-plasma physics and data analysis of space-based data is preferred but not required. Knowledge of FORTRAN/C++ is a plus. A good command of English, or of Japanese plus fair English, is required. The designated assistant professor will be under the guidance of Prof. Yoshizumi Miyoshi (ISEE), Prof. Kazuo Shiokawa and Dr. Natalia Ganushkina (University of Michigan, USA/Finnish Meteorological Institute, Finland, also a Designated Professor at ISEE). The project centers on understanding the dynamics of charged particles in the electromagnetic fields in the Earth's magnetosphere and features of magnetic mapping which interconnects different regions of geospace.
(Scope of changes): Tasks specified by the Tokai National Higher Education and Research System.

5. Work locations: (Immediately after being hired) Chikusa Ward, Nagoya City, Aichi Prefecture
(Scope of changes) Work location designated by Tokai National Higher Education and Research System

6. Appointment conditions: (1) Designated Assistant Professor (2) Salary: Approx. 400,000JPY/month (3) Work hours: 38.75 hours/week (4) Insurance enrollment: Mutual aid association (short-term), Welfare pension, Employment insurance, Workers compensation insurance
   Work Hours: Based on THERS Employee Work Rules
   (https://education.joureikun.jp/thers_ac/act/frame/frame110010928.htm)
   Days off: Saturdays, Sundays, national holidays, and New Year's holidays from December 29th to January 3rd.
   Passive smoking prevention measures: Smoking is prohibited on campus in principle.

7. Starting Date: As early as possible on or after April 1, 2027

8. Term: The term is up to March 31, 2028

9. Eligibility: Ph.D. as of April 1, 2027

10. Application Materials
(1) Curriculum Vitae,
(2) Publication and Research Activity List,
(3) Summary of Research Achievements,
(4) Research Plan (maximum two pages),
(5) Names and Contact Information for three professional references
(6) Applicable Specific Category Determination Form (See section 14)

11. Application Deadline: January 15, 2027

12. Submission: Applicants are required to make one PDF file (up to 10MB) that includes all documents and send it by email to the following address with the subject "Application for ISEE job opportunity No. 6 FY2026." inst-recruit(at)t.mail.nagoya-u.ac.jp *Please to 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 "13. Contact: 1) Regarding documents to be submitted.")

13. Contact:
(1) Regarding documents to be submitted
   Tomohiro Tanabe, General Affairs Division
   Institute for Space-Earth Environmental Research, Nagoya University F3-3 (250), Furo-cho, Chikusa-ku, Nagoya, Aichi 464-8601, Japan
   Email: ken-jin(at) t.mail.nagoya-u.ac.jp *Please replace the (at) with @
   Phone: +81-52-789-5539

(2) Regarding ISEE and application content

Prof. Kazuo Shiokawa
Institute for Space-Earth Environmental Research, Nagoya University
F3-3 (250), Furo-cho, Chikusa-ku, Nagoya, Aichi 464-8601, Japan
Email: shiokawa(at)nagoya-u.jp *Please to replace the (at) with @
Phone: +81-52-747-6419

14. Remarks:

(1) For the purpose of the selection process, your personal information may be provided to third parties located in other countries. By submitting your application, you are deemed to have consented to this provision of your personal information.
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 all personal information, except for the information of the successful candidate.

(2) 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 control under FEFTA. 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

(3) Our university is actively committed to promoting diversity and work-life balance. For more information, please visit the following URLs:
Gender Diversity Center Website:
https://www.kyodo-sankaku.provost.nagoya-u.ac.jp
Declaration on the Promotion of Diversity, Equity, Inclusion & Belonging (DEIB):
https://www.thers.ac.jp/about/declaration/deib/index.html

(4) If you have experienced periods in the past when your research activities were interrupted or delayed due to reasons such as childbirth, childcare, family care, or illness, you may state this in your curriculum vitae (CV). We assure you that disclosing this information will not result in any unfair evaluation at our university.

(5) In addition, faculty members are required to submit a "Confirmation Form" at the time of employment.

(6) Nagoya University is a gender-equal employer and encourages female applications.

(7) At our university, we offer a "Partner Accompaniment Program" for researchers and faculty members who are considering applying to or accepting a position at our university from outside Aichi Prefecture. This program provides information about the local area, as well as information and consultation services regarding

employment and career development for spouses, partners, and accompanying family members.
For details, please see below.
https://valueglow.jp/relocation/participant/portal.html?univ=nagoya_u