Application Guideline for Specially Appointed Assistant Professor (Tenure-track system)
at the Institute of Space and Astronautical Science, JAXA

1.	Position and Number of Positions	Specially Appointed Assistant Professor (Tenure-track system), One
2.	Affiliation	Department of Solar System Sciences, Institute of Space and Astronautical Science (ISAS)
3.	Work Location	JAXA Sagamihara Campus (3-1-1 Yoshinodai, Chuo-ku, Sagamihara, Kanagawa, JAPAN)
4.	Starting Date	October, 1st, 2023 or the earliest possible date thereafter
5.	Employment Status	Full-time
6.	Term of Employment	The contract term shall be within the fiscal year, and the renewal of the contract term shall be limited to within five years from the commencement of the initial employment contract.
7.	Job	Academic research on solar system science including promotion of the Solar-C project
8.	Job Details and Responsibilities	Institute of Space and Aeronautical Science (ISAS) of JAXA has set "to elucidate how the solar system and life were born and evolved to the present day" as a major goal in the field of solar system science. In the field of solar physics, which plays a key role in heliospheric system science, the Hinode satellite, which was launched in 2006, has been promoting observational and theoretical collaboration with other domestic and overseas satellites and ground-based observatories, while also conducting small projects such as sounding rocket experiments and international balloon-borne experiments to explore future research directions. Through these projects, the Solar Physics group has been working on scientific issues such as the formation of the outer solar atmosphere, which controls the environment of the heliosphere, the occurrence of plasma explosions, and the origin of magnetic fields, and has further developed into research to academically understand the space weather effects of solar activity on the Earth and planets, and research on solar-type stellar environments. ISAS is seeking researchers who will play a central role in instrument development and in the development of data processing system and operation system to produce scientific results in the steady realization of the next solar observation satellite SOLAR-C mission. The successful candidate will contribute to the SOLAR-C by working closely with National Astronomical Observatory of Japan (NAOJ) in the

		development of the instrument and especially in the performance verification of the telescope, as well as in the development and maintenance of data processing and operation to produce scientific results. The successful candidate will be expected to lead the community and emerge internationally through the creation of new science and new missions using SOLAR-C data. To carry out the above duties, the specially appointed assistant professor must meet at least the following conditions. • He/she has research experience in solar physics and related fields and possesses a record of contributing to satellite missions, sounding rocket experiments or balloon-borne experiments, and has excellent achievements which have been highly recognized both domestically and internationally. • He/she has the ability to utilize his/her knowledge in anticipation of future developments in heliospheric system science, regardless of the field of specialization so far. • He/she is capable of supporting to teach and direct graduate students. ISAS/JAXA functions as a hub for the space science activities in Japan. While ISAS is a science institute of Japanese space agency JAXA, it is also embedded in the collaboration network among Japanese universities. Flight projects are the keys to promoting space science. In the network, ISAS, teaming up with other JAXA members as well as academic members outside JAXA, plays the special role of materializing flight projects. Thus, ISAS members are expected to play vital roles in running the projects. We are looking for a highly motivated staff who can carry out his/her academic research in a project-oriented style, in collaboration with university researchers under the inter-university framework. Active participation to various JAXA projects and R&Ds to demonstrate his/her academic expertise is also expected. Human resource development for future space development and utilization is anticipated as natural outcome of the above-mentioned activities.
9.	Goal Setting	After tenure is granted, the associate professor must develop activities appropriate to the position. In other words, he/she will be expected to demonstrate a certain level of leadership in ISAS, to present his/her vision to academic communities, and to form a group that shares the vision. Based on these

		expectations, the candidate is required to set his/her own goal in line with the following tenure review perspectives. 1) Demonstrate the qualities of a key member by applying his/her expertise in the performance of project-related duties and, as a result, achieve results considered important to the project. 2) Promote project activities and produce research results including those related to them in a balanced manner. The research results should be highly regarded or recognized for their potential in relevant academic fields both domestically and internationally. 3) Provide guidance or assistance to young researchers, including graduate students, young project members, and engineers in companies through leadership that will lead to smooth progress of the project and development of research. 4) Acquire a vision for the future in one of the fields of space science, based on the experience of promoting research while working on projects as an assistant professor. Present his/her vision to the relevant academic community and form or have a high potential to form a group to share the vision.
10.	Interim and Tenure Reviews	1) After being hired, the specially appointed assistant professor will discuss the goal he/she has set for himself/herself with the research director, the program director of space science, the project manager of a relevant space science project team, and the director of a relevant department to which he/she belongs, based on the contents provided in the application. At that time, the research plan will be detailed with the goal of granting tenure within five years. 2) An interim review will be conducted approximately two years after the hire date to confirm the progress of the research plan. 3) After the interim review, tenure reviews will be conducted up to two times before the end of a fixed term. If the Advisory Council for Research and Management of ISAS, JAXA determines that the specially appointed assistant professor the set goal will have been achieved, he/she will be employed as a tenured associate professor. If his/her achievements will be outstanding, an early tenure review will be conducted at the same time as the interim review. 4) The interim and tenure reviews will be conducted by a committee including experts in the relevant fields who are not affiliated with ISAS.

11.	Research Support	An ISAS internal committee will provide appropriate advice to achieve the goal of attaining leadership in an academic community through mission realization. ¥1,000,000 is paid as traveling and research expenses every year.
12.	Salary	Salary will be determined under the provision of JAXA wage rules and regulations, considering qualifications and experience.
13.	Working Hours	In principle, The Discretionary Labor System for Professional Work shall be applied. Working hours are basically from 9:30am-17:45pm. The break time shall be 45minutes if the working hours per day exceed 6 hours, and 1 hour if the working hours exceed 8 hours. Regardless of the above, those who apply The Discretionary Labor System for Professional Work shall have a deemed working time of 7 hours and 30minutes per day. Overtime work may be required depending on the work situation.
14.	Holidays	Saturdays and Sundays, National Holidays, New Year Holidays (December 29th - January 3rd), others when JAXA deems it necessary, etc.
15.	Vacations and Leave	Annual vacation, WLB (Work Life Balance) annual leave, celebration or condolence leave, maternity leave, child-care leave, care leave, nursing leave, etc.
16.	Social insurance	Social insurances (health insurance, pension plan, etc.) will be provided in full.
17.	Required Qualifications	(1) PhD degree is required (including expected PhD by the date of adoption). (2) Applicants must have degrees earned within 8 years, in principle, from the hire date, or are expected to earn their degrees by the hire date. Please note that the concept of "within 8 years" is excluded from maternity leave, child-care leave, and other special circumstances taken after obtaining a degree.
18.	Application Documents	(1) Curriculum vitae (2) Research history and summary (3) List of published papers (with DOIs) (4) List of awarded research funds through competition (type of funds, amount, and principal investigator/co-investigator) (5) Goal to be set (must be based on "9. Goal Setting") (6) Names of two references with complete address and contact information (affiliation, telephone numbers, and e-mail addresses for a direct inquiry from JAXA).

		(7) Photocopies of major research papers (up to 5) published in peer-reviewed or refereed academic journals (8) Leading Initiative for Excellent Young Researchers (LEADER): whether or not to apply *If you are a resident of the European Economic Area (the EU zone), you are required to submit the following document as well. (9) Consent form for handling personal information based on GDPR (Form No. 1) Download the form from the website listed in "19. Submission".
19.	Submission	Applicants are required to apply via the following website. Please access the application form at the following URL: https://isas-appli-form.jaxa.jp/forms1/1677051104 (Notes) ・All the files shall be in PDF format. ・Note that documents (2) to (5) should be merged into one PDF file. ・Application delivered in person or by mail shall not be accepted.
20.	Application Deadline	May 15th, 2023, noon (JST) ・Data entry and submission of all the required documents must be completed by this deadline through the website.
21.	Contact Information	Director of Department of Solar System Sciences Prof. Yoshifumi Saito Email: saito.yoshifumi[at]jaxa.jp* For inquiries regarding Application Submission in Section 19: Management and Integration Department Human Resources Section E-mail: ISAS-JINJI[at]ml.jaxa.jp * *Please replace [at] in the email address with @.
22.	Others	(1) Applications will be examined and selected by the Advisory Council for Research and Management of ISAS, JAXA. (2) The selection process will be performed in a manner consistent with the peer review process of LEADER. If the applicant is younger than 40 years old on April 1, 2024, he or she is required to apply also to the Job Announcement for Leading Initiative for Excellent Young Researchers (LEADER) in the following URL: https://www.jsps.go.jp/english/e-le/index.html (3) Information submitted in your application documents will not be used for any purpose other than the selection process and for contacting you

		with necessary notices in connection with the selection. Once the selection process is complete, we will securely dispose of all application documents and personal information, except for those submitted by the successful candidate. (4) Traveling expenses necessary for the examination and selection shall be borne at the applicant's own expense. ISAS/JAXA actively welcomes female applicants.