

Application Guideline for Academic Staff Position
at the Institute of Space and Astronautical Science, JAXA

1.	Position	Associate Professor (Academic Staff)
2.	Number of Openings	One
3.	Affiliation	Department of Solar System Sciences, Institute of Space and Astronautical Science (ISAS)
4.	Work Location	JAXA Sagamihara Campus (3-1-1 Yoshinodai, Chuo-ku, Sagamihara, Kanagawa, JAPAN) <Scope of changes> The work location may be changed to a location designated by the Agency due to personnel transfers, organizational restructuring, or other reasons. When telework is conducted in accordance with the Agency's rules, the telework location shall apply.
5.	Expected Start Date	May 1st, 2027, or the earliest possible date thereafter
6.	Term of Employment	Non fixed term
7.	Probationary Period	6 months from the date of hire
8.	Job Duties	Research, development, and graduate education related to Solar System Science
9.	Detailed Job Duties and Desired Applicant Profile	Department of Solar System Sciences, Institute of Space and Astronautical Science (ISAS) promotes Heliospheric System Science, which aims to 'understand the mechanisms and effects of the dynamically changing Heliospheric System and elucidate the evolution of the Solar System from the past to the future', and Planetary Science, which aims to 'elucidate the formation process of the Solar System based on physical evidence and investigate the evolution and migration of planetary materials in the Solar System'. These efforts include observational research based on data from satellites and spacecraft, related theoretical research, the planning and execution of exploration missions, and the development of new science instruments for spacecraft; all of these are carried out in collaboration with universities and research institutions outside ISAS. Department of Solar System Sciences is continuously advancing the development of new science instruments for spacecraft that will be key to the future, including science instruments for in-situ observations to conduct observations at the locations of interest. Although in-situ measurements of high energy charged particles have a relatively long history, they continue to be of great importance as fundamental measurement techniques for the Solar System Science missions. There are many examples of the purpose of in-situ

measurements of high energy charged particles including monitoring high energy charged particles arriving in Earth's magnetosphere in association with solar flares and evaluating their effects on spacecraft; understanding the radiation environment during human activities on the lunar surface, and implementing radiation-hardening measures for the electronic components in equipment; and exploring icy moons in the presence of high energy charged particles in the Jovian system. In recent years, in space weather-related missions that space agencies around the world are seeking to pursue collaboratively, the measurement of high energy particles has been recognized as one of the essential observation targets, and the development of new detectors and measurement methods is progressing worldwide. In light of this situation, the associate professor to be recruited is expected to lead the technological development of satellite-borne high energy charged particle instruments for Solar System Science exploration, including future exploration of the outer planets. At the same time, they are expected to play a practical role as an expert possessing both scientific knowledge of the radiation environments in which spacecraft operate and expertise in radiation-hardening measures.

The candidate is also expected to understand the role of ISAS as a joint-use research institute, to conduct research in collaboration with university researchers, and to contribute to graduate education and supervision.

The duties and responsibilities of the Associate Professor position in this recruitment are as follows:

- To carry out technological development related to high energy charged particle instruments for science satellites and spacecraft by leading an instrument development group including manufacturers, collaborating with researchers from other universities and the engineers of ISAS, and to play a central role in planning and implementing future Solar System Science exploration missions.
- To play a practical role in radiation-hardening measures as an expert possessing both scientific knowledge of the radiation environment of spacecraft — gained through academic research into the radiation environment of exploration targets, including the distribution and variations of high energy charged particles — and knowledge of radiation-hardening measures

		• Promotion of research through collaboration with science and engineering researchers, universities, and companies both within and outside ISAS. • Contribution to the education of graduate students. • Participation in research and development activities and projects within JAXA In view of these duties, the Associate Professor to be recruited in this recruitment must meet at least the following requirements. • Possess academic knowledge and research experience in in-situ observations in planetary exploration, including exploration of the Earth, as well as experience developing high energy charged particle detectors or similar instruments. • Demonstrated willingness to engage in interdisciplinary activities by leveraging one's advanced expertise. • Demonstrated ability to educate and supervise graduate students. <Scope of Changes: The scope of duties as defined by the Agency>
10.	Benefits and Conditions	(1) Salary Salary will be determined under the provision of JAXA wage rules and regulations, considering qualifications and experience. (2) Working Hours - In principle, the Discretionary Labor System for Professional Work shall be applied to the position. - Standard working hours are from 9:30 a.m. to 5:45 p.m. A break of 45 minutes is provided when daily working hours exceed 6 hours, and a break of 1 hour when they exceed 8 hours. Notwithstanding the above, employees subject to the Discretionary Labor System for Professional Work shall be deemed to have worked 7 hours and 45 minutes per day. Overtime work may be required depending on the work situation. - Overtime work may be required depending on operational needs. (3) Holidays Holidays include Saturdays and Sundays, national holidays, the year-end and New Year holidays (December 29 to January 3), and other days designated by the Agency as necessary. (4) Leave

		Paid annual leave; special leave (including maternity, bereavement, marriage, and work-life balance-related leave); child nursing leave; family care leave; parental leave; and other leave as provided under the Agency's regulations. (5) Retirement Age Retirement age is 65. (6) Housing Depending on operational needs, individual circumstances, and availability, organization-provided housing (single or family) may be offered. Alternatively, a housing allowance may be provided in accordance with the Agency's regulations. Continuous occupancy of the same housing is limited to a maximum of seven years. (7) Social insurance Enrollment in social insurance programs, including health insurance and pension insurance, in accordance with applicable laws and regulations.
11.	Research Funding	Research funding is determined according to the budget situation of each year. *FY2026: Professor; ¥800,000, Associate professor; ¥800,000, Assistant professor; ¥400,000
12.	Required Qualification(s)	PhD degree in Science or Engineering
13.	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. Specify the type of funding, amount, and a role (e.g., principal investigator/co-investigator). (5) Future research plan, including contributions to JAXA projects and commitment to educational activities (6) Declaration of past criminal convictions, administrative penalties, disciplinary measures, and other relevant actions, including sexual harassment, assault and violence: No specific format is required. This information may also be included in section (1) CV. Indicate whether applicable; if so, provide details. (7) Names, affiliations and contact details (phone numbers and email addresses) of two individuals who can provide references for the applicant.

		(8) Copies of major research papers (up to 5) published in peer-reviewed or refereed academic journals
14.	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/forms1/1789710466 (Notes) • All the documents must be submitted in PDF format. • Note that documents (2) to (6) should be merged into one PDF file. • Application submitted in person or by mail shall not be accepted.
15.	Application Deadline	December.9th, 2026, noon (JST) • Data entry and submission of all the required documents must be completed by this deadline through the website.
16.	Screening Method	Screening will be conducted by the Advisory Council for Research and Management of ISAS, JAXA. The council will conduct document screening, and interview those who have passed the document screening. This process is subject to change.
17.	Contact Information	Director of Department of Solar System Sciences Prof. Yoshifumi Saito Email: saito.yoshifumi[at]jaxa.jp * For inquiries regarding application submission as in section 14: Human Resources Section / Management and Integration Department E-mail: ISAS-JINJI [at]ml.jaxa.jp * *Please replace [at] in the email address with @.
18.	Name of Recruiter	Japan Aerospace Exploration Agency (JAXA)
19.	Others	(1) Information submitted in your application documents will not be used for any purpose other than the employment 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. (2) In order to properly implement security export control in accordance with Japan's Foreign Exchange and Foreign Trade Act, it is necessary to submit a declaration pertaining to "Specific category" regulated by the act. Depending on the information provided in the declaration, measures such as adjustments to the permissible scope of outside employment may be taken as necessary to ensure the proper performance of duties.

		(3) Please also check the notes on JAXA website* before applying. * https://global.jaxa.jp/about/employ/index.html
--	--	--