

Application Guideline for academic staff position
at the Institute of Space and Astronautical Science, JAXA

1.	Position	Associate Professor
2.	Number of Positions	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)
5.	Starting Date	March 1st, 2024, or the earliest possible date thereafter
6.	Term of Employment	Non fixed term
7.	Term of Probationary	First 6 months from the date of hire
8.	Job	Academic research relating to the Department of Solar System Sciences including promotion of solar system science exploration
9.	Job Details and Responsibilities	<p>JAXA/Institute of Space and Aeronautical Science (ISAS) has set "elucidating how the solar system and life were born and evolved to the present" as its major goal in solar system science, and has produced unique results through many years of continuous and advanced satellite observations in the fields of solar physics, magnetospheric plasma physics, planetary atmospheric science, and solid planetary science, either independently or through international cooperation. Especially in planetary sciences for rocky bodies, ISAS has achieved world-class exploration missions of small bodies such as "HAYABUSA" and "HAYABUSA2. ISAS also plans future missions such as "Destiny+," a fly-by mission to small bodies, "MMX," a sample return mission from a small body. ISAS recognizes the exploration of the Moon and terrestrial bodies, especially Mars, as the most important targets for future solar system exploration and is trying to promote it by integrating space science and space engineering and further enhancing collaboration with universities. In addition, the research area of the Department of Solar System Sciences is expected to expand to the observation of exoplanets by the 2030s.</p> <p>The Associate Professor to be recruited this time will play a central role in 1) the promotion of science and the production of results from the solar system science exploration program in the 2020s and 2) the creation of the next-generation missions targeting exoplanets in the 2030s. The Associate Professor is expected to play a central role in the planning and execution of solar system science exploration programs by promoting theoretical activities together with the community in the field of planetary</p>

		<p>exploration and exoplanet observation, which is becoming increasingly large-scale and internationally cooperative.</p> <p>ISAS/JAXA is a hub for space science activities in Japan. ISAS is a science institute of JAXA and fosters a 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.</p> <p>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 in various JAXA projects and R&Ds to demonstrate his/her academic expertise is encouraged. Human resource development for future space development and utilization is anticipated as an outcome of the activities as mentioned above.</p> <p>To carry out the above duties, the associate professor must meet the following conditions.</p> <ul style="list-style-type: none"> - He/she has a high academic record and research experience in solar system sciences (solar system formation theory or exoplanet observation). He/she has a passion for promoting solar system science exploration. - He/she has the ability to play a central role in the planning and execution of solar system science exploration programs and the production of scientific results, and to demonstrate leadership. - He/she has the experience necessary to plan and execute international cooperative missions as a mission leader. - He/she has the ability to apply his/her knowledge and expertise to the future development of solar system sciences without being restricted by his/her specialized academic fields. - He/she has the ability to educate and mentor graduate students.
10.	Conditions	<p>(1) Salary Salary will be determined under the provision of JAXA wage rules and regulations, considering qualifications and experience.</p> <p>(2) Working Hours In principle, The Discretionary Labor System for Professional Work shall be applied.</p>

		<p>Working hours are basically from 9:30-17:45. 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 45 minutes per day.</p> <p>Overtime work may be required depending on the work situation.</p> <p>(3) Holidays Saturdays and Sundays, National Holidays, New Year Holidays (December 29th - January 3rd), others when JAXA deems it necessary, etc.</p> <p>(4) Vacation Annual vacation, WLB (Work Life Balance) annual leave, celebration or condolence leave, maternity leave, child-care leave, care leave, nursing leave, etc.</p> <p>(5) Retirement age Retirement age is 63. *We are considering a gradual extension of the retirement age from FY 2023.</p> <p>(6) Lodgings Lodgings suitable for a family or a single occupant may be provided under the provision of JAXA in consideration of the nature of the work. (Lodging term is limited to 7 years.) Alternatively, an allowance for lodging shall be paid.</p> <p>(7) Social insurance Social insurances (health insurance, pension plan, etc.) will be provided in full.</p>
11.	Research Funding	<p>Research funding is determined according to the budget situation of each year.</p> <p>*FY2022: Professor; ¥800,000, Associate professor; ¥800,000, Assistant professor; ¥400,000</p>
12.	Required Qualifications	PhD degree
13.	Application Documents	<p>(1) Curriculum vitae</p> <p>(2) Research career</p> <p>(3) Summary of previous research and Outline of future research plan (Including contribution to projects and ambitions for educational activities)</p> <p>(4) List of published papers (with impact factors or citation number)</p>

		<p>(5) List of awarded research funds through competition (type of funds, amount, principal investigator, or co-investigator)</p> <p>(6) Contact information of two references (names, affiliation, telephone numbers, and e-mail addresses for a direct inquiry from JAXA).</p> <p>(7) Photocopies of major research papers (up to 5) published in peer-reviewed or refereed academic journals</p> <p>*If you are a resident of the European Economic Area (the EU zone), you are required to submit the following document as well.</p> <p>(8) Consent form for handling personal information based on GDPR (Form NO.1)</p> <p>Download the form from the website listed in “14. Submission”</p>
14.	Submission	<p>Applicants are required to apply via the following website. Please access the application form at the following URL:</p> <p>https://isas-appli-form.jaxa.jp/forms1/1690158942</p> <p>(Notes)</p> <ol style="list-style-type: none"> 1. All the files shall be in pdf format. 2. Note that documents (2) to (5) should be merged into one pdf file. 3. Application delivered in person or by mail shall not be accepted.
15.	Application Deadline	<p>October 2nd, 2023, noon (JST)</p> <ul style="list-style-type: none"> • Data entry and submission of all the required documents must be completed by this deadline through the website.
16.	Screening	<p>Screening will be conducted by the Advisory Council for Research* and Management of ISAS, JAXA.</p> <p>The council will conduct a document screening, and interview those who have passed the document screening. This process is subject to change.</p>
17.	Contact Information	<p>Director of Department of Solar System Sciences Prof. Yoshifumi Saito Email: saito.yoshifumi[at]jaxa.jp *</p> <p>For inquiries regarding Application Submission in Section 14: Management and Integration Department Human Resources Section E-mail: ISAS-JINJI [at]ml.jaxa.jp *</p> <p>*Please replace [at] in the email address with @.</p>
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 selection process and for contacting you with necessary notices in connection with the selection. Once the

		<p>selection process is complete, we will securely dispose of all application documents and personal information, except for those submitted by the successful candidate.</p>
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(2) Please also check the notes on JAXA HP* before applying.

* <https://global.jaxa.jp/about/employ/index.html>