

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

1.	Position	Professor
2.	Number of Positions	One
3.	Affiliation	Department of Interdisciplinary Space Science, Institute of Space and Astronautical Science (ISAS)
4.	Work Location	JAXA Sagami-hara Campus (3-1-1 Yoshinodai, Chuo-ku, Sagami-hara, Kanagawa 252-5210, 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 in interdisciplinary space science related to planetary protection technology
9.	Job Details and Responsibilities	<p>JAXA/ISAS is promoting solar system exploration with a participant typed small-scale plan and a strategic medium-scale plan, by close cooperation of astronautical engineering and the space science. It is more and more necessary to realize higher scientific observation and farther space exploration activity. In addition to scientific achievements, it is necessary to build a framework for realizing frequent lunar and planetary exploration opportunities by accumulating technology for future planetary exploration. To realize challenging and advanced space exploration missions, it is essential to improve planetary protection technology that can create missions ahead of other countries.</p> <p>Therefore, ISAS aims to make a central contribution from a scientific perspective about JAXA's research and development related to planetary protection. By expanding the possibilities for new exploration through planetary protection technology, ISAS will also contribute to the systematization of diverse sciences together with academia and others.</p> <p>Responsibilities include (but are not limited to):</p> <ol style="list-style-type: none"> 1. To play a central role in the realistic promotion of the establishment of schemes, technical development, and operation for planetary protection in Japan, from the perspective of assessing the impact of microorganisms and other factors. 2. To establish and lead a research group on planetary protection technology that involves collaboration between JAXA academic and general staff and members of other organizations. 3. To contribute to the realization of future international co-operative projects and Japan-led programs and their achievements through the improvement and operation of planetary protection technology. <p>Furthermore, we are looking for a highly motivated candidate 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. We also hope for human resource who can promote joint research in collaboration with related companies as needed.</p> <p>To fulfill these duties, the successful candidate of the Professor needs to</p>

		<p>satisfy, at minimum, the following conditions.</p> <ol style="list-style-type: none"> 1. Have experience in research with excellent achievements in Japan or abroad. Experience in R&D related to microorganisms or life-related substances is desirable. 2. Have a strong motivation to take a leadership role in improving and operating planetary protection technology in Japan by utilizing his/her academic expertise and promoting collaboration, cooperation, and negotiation with researchers and stakeholders in various fields in Japan and abroad. 3. Have a willingness to actively contribute without delay to activities necessary to carry out space science projects, regardless of his/her area of expertise. 4. Be capable of teaching and directing graduate students.
10.	Working Conditions	<ol style="list-style-type: none"> (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. 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 45 minutes per day. Overtime work may be required depending on the work situation. (3) Holidays Saturdays and Sundays, National Holidays, New Year Holidays (December 29th - January 3rd), others when JAXA deems it necessary, etc. (4) 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. (5) Retirement Age Retirement age is 63. *We are considering a gradual extension of the retirement age from FY 2023. (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. (7) Social insurance Social insurances (health insurance, pension plan, etc.) will be provided in full.
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	<ol style="list-style-type: none"> (1) Curriculum vitae (2) Research career

		<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 DOIs)</p> <p>(5) List of awarded research funds through competition (type of funds, amount, and principal investigator/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: https://isas-appli-form.jaxa.jp/forms1/1689834213 (Notes)</p> <ul style="list-style-type: none"> • 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.
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 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 Interdisciplinary Space Science Prof. Yuko Inatomi E-mail: inatomi.yuko[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	<p>(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 selection process is complete, we will securely dispose of all application documents and personal information, except for those submitted by the successful candidate.</p> <p>(2) Please also check the notes on JAXA HP* before applying. * https://global.jaxa.jp/about/employ/index.html</p>