

Application Guideline for Assistant Professor  
at the Institute of Space and Astronautical Science, JAXA

1.	Position	Assistant Professor
2.	Number of Positions	1
3.	Affiliation	Department of Space Astronomy and Astrophysics (ISAS)
4.	Work Location	JAXA Sagamihara Campus (3-1-1 Yoshinodai, Chuo-ku, Sagamihara, Kanagawa, JAPAN)
5.	Starting Date	October 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, development, and education on space astronomy and astrophysics
9.	Job Details and Responsibilities	<p>In the field of space astronomy and astrophysics, the goals of JAXA/Institute of Space and Aeronautical Science (ISAS) are to “understand the origins of the space-time and matters”, “study the possibility of life in the universe”, and to study physics in the extreme phenomena in the universe. To address these goals, ISAS promotes science satellite missions in various observational and experimental methods.</p> <p>This call for proposals is for one Assistant Professor who is engaged in development research contributing to pioneering space telescopes or space physics experiments that need precise control and measurement technology.</p> <p>To conduct high-precision observations or experiments in space, precise control and measurement technologies for telescopes or spacecraft themselves are required. These technologies will be realized through close combination of science and engineering works. For this Assistant Professor position, we expect a researcher of astrophysics to tackle such scientific challenge and to set her/his goal of development research that leads to potentially feasible space mission to be realized in the future.</p> <p>It is required that an applicant has achievements or experience in science instrumentation for astrophysics although there is no specification for the current or previous research fields of the applicant.</p> <p>We expect this Assistant Professor to have global insight on the advanced science instrumentation for space missions, and also to actively engage to the development of the on-going and future programs with the advanced technology required for the missions despite his/her previous interest.</p> <p>The Job Description of the Assistant Professor is, in cooperation with the staff members in ISAS,</p> <p>(i) To engage in development research contributing to pioneering space telescopes or space physics experiments that need precise</p>

		<p>control and measurement technology</p> <p>(ii) To contribute to the ISAS current or future mission programs</p> <p>To carry out the above duties, the specially appointed Assistant Professor must meet at least the following conditions.</p> <ul style="list-style-type: none"> <li>- Have high motivation to actively promote and to contribute to the space science satellite missions</li> <li>- Have achievements in the research of science instrumentation for astrophysics.</li> <li>- Be capable of supporting to teach and direct graduate students.</li> </ul> <p>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.</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 to various JAXA projects and R&amp;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.</p>
10.	Goal Setting	<p>The assistant professor must make important contributions to the promotion of various projects, not only in his/her own specialized field, and to become an indispensable researcher for space science in general. Based on these expectations, the candidate is required to describe his/her own goal in the document “(5) Future research plan”.</p> <p>The Research Director of the Department of Space Astronomy and Astrophysics will discuss his/her career path together, considering the overall achievements during about 5 years after being employed.</p>
11.	Working 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. 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. 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) 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.</p> <p>(5) Retirement Age Retirement age is 65. (The mandatory retirement age for FY2023 and FY2024 will be 64 years old, and there will be a re-employment system until the age of 65 is reached.)</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>
12.	Research Funding	<p>Research funding is determined according to the budget situation of each year. *FY2023: Professor; ¥800,000, Associate professor; ¥800,000, Assistant professor; ¥400,000</p>
13.	Required Qualifications	PhD degree in Engineering or relevant fields
14.	Application Documents	<p>(1) Curriculum vitae</p> <p>(2) Research history and summary</p> <p>(3) List of published papers (with DOIs)</p> <p>(4) List of awarded research funds through competition (type of funds, amount, and principal investigator/co-investigator)</p> <p>(5) Future research plan (including contribution to projects and ambitions for educational activities)</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 “15. Submission”</p>
15.	Submission	<p>Applicants are required to apply via the following website. Please access the application form at the following URL:</p> <p><a href="https://isas-appli-form.jaxa.jp/forms1/1711530952">https://isas-appli-form.jaxa.jp/forms1/1711530952</a></p> <p>(Notes)</p> <p>•All the files shall be in PDF format.</p>

		<ul style="list-style-type: none"> <li>•Note that documents (2) to (5) should be merged into one pdf file.</li> <li>•Application delivered in person or by mail shall not be accepted.</li> </ul>
16.	Application Deadline	<p>June 4th, 2024, noon (JST)</p> <p>Data entry and submission of all the required documents must be completed by this deadline through the website.</p>
17.	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>
18.	Contact Information	<p>Director of Department of Space Astronomy and Astrophysics</p> <p>Prof. Noriko Yamasaki</p> <p>Email: Yamasaki.noriko[at]jaxa.jp*</p> <p>For inquiries regarding Application Submission in Section 15:</p> <p>Management and Integration Department Human Resources Section</p> <p>E-mail: ISAS-JINJI[at]ml.jaxa.jp *</p> <p>*Please replace [at] in the email address with @.</p>
19.	Name of Recruiter	Japan Aerospace Exploration Agency (JAXA)
20.	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.</p> <p>* <a href="https://global.jaxa.jp/about/employ/index.html">https://global.jaxa.jp/about/employ/index.html</a></p>