

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

1.	Position	Assistant Professor
2.	Number of Openings	One
3.	Affiliation	Department of Astronomy and Astrophysics, Institute of Space and Astronautical Science (ISAS)
4.	Work Location	JAXA Sagami-hara Campus (3-1-1 Yoshinodai, Chuo-ku, Sagami-hara, 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	Academic research, development, and education on space astronomy and astrophysics
9.	Detailed Job Duties and Desired Applicant Profile	The Institute of Space and Astronautical Science (ISAS) of JAXA conducts spaceflight missions for astronomical research in space with the goals of understanding the origin of matter and spacetime in the universe, exploring the possibility of life in the universe, and elucidating the physics of extreme phenomena in the cosmos. To advance the strategic large-class mission, the Lite satellite for the studies of B-mode polarization and Inflation from cosmic background Radiation Detection (LiteBIRD) project, we are seeking a researcher who will play a leading role in its development. In the LiteBIRD project, science data processing will be carried out by the Science Ground Segment (SGS), for which the Kavli Institute for the Physics and Mathematics of the Universe (Kavli IPMU), The University of Tokyo, is responsible. However, ISAS bears responsibility for ensuring that the SGS maintains consistent interfaces with, and functions coherently within, the overall mission throughout all phases, from the early stages of concept studies through design, implementation, testing, and evaluation. The development and processing of such large-scale and challenging scientific datasets are expected to play an increasingly important role in future space science missions. The duties and responsibilities of the Assistant Professor position in this recruitment are as follows: • To define and coordinate interfaces between the SGS and the overall LiteBIRD project, ensuring consistency and interoperability across the mission. • To contribute to mission design and evaluation that enable appropriate scientific data processing, in collaboration with the institutions responsible for the SGS and the mission instruments. • To collaborate with scientists and engineers both within and outside ISAS and conduct academic research related to data production, management, and utilization for future space science missions. • To contribute to the education and training of the next generation of space scientists and engineers, including participation in graduate student education.

		In addition, the successful candidate is expected to understand the role of ISAS as a joint-use research institute serving the university community and to conduct academic research, particularly through space science projects, in collaboration with researchers at universities and other institutions. The candidate should actively participate in various research, development, and project activities within JAXA, leveraging their specialized expertise and contributing to the cultivation of human resources to support future space development and utilization. Furthermore, the candidate is expected to promote collaborative research between academia and industry through partnerships with relevant companies and organizations. In light of these responsibilities, applicants for this Assistant Professor position must satisfy at least the following qualifications: • A strong interest in the development and processing of scientific mission data aimed at enhancing the scientific value and impact of space science datasets. • Experience in producing scientific results through methods developed by the applicant for the construction, production, processing, or utilization of large-scale, high-precision observational datasets related to space science, although experience need not be limited to CMB observations. • The ability to assist in the education and supervision of graduate students. <Scope of Changes: The scope of duties as defined by the Agency>
10.	Goal Setting	The assistant professor is expected to become an indispensable researcher in the broader field of space science by making significant contributions to advancing a wide range of projects beyond their own area of expertise. Based on these expectations, applicants are required to state their research goals in the document “(5) Future Research Plan”. After approximately five years of employment, the Research Director of astronomy and astrophysics will review the overall achievements and discuss their subsequent career path.
11.	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. 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 deemed working hours 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 Paid Annual leave, 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 65. (6) Accommodations Depending on business necessity, individual situation, and vacancy status, either single or family accommodation will be provided, or a housing allowance will be issued according to the agency's regulations. However, the period of availability for the same housing is limited to 7 years.. (7) Social insurance Several types of social insurances (health insurance, pension plan, etc.) will be provided.
12.	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
13.	Required Qualifications	PhD degree in Physics, Astronomy or relevant fields
14.	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 a type of funds, amount, and a role (e.g. principal investigator/co-investigator) (5) Future research plan (including contribution to projects and ambitions for 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
15.	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/forms1/1789709687 (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.
16.	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.
17.	Screening Method	Screening will be conducted by the Advisory Council for Research and Management of ISAS, JAXA. The council will conduct a document screening, and interview those who have passed the document screening. This process is subject to change.
18.	Contact Information	Director of Department of Astronomy and Astrophysics Prof. Noriko Yamasaki Email: yamasaki.noriko [at]jaxa.jp * For inquiries regarding application submission as in Section 15: Human Resources Section / Management and Integration Department

		E-mail: ISAS-JINJI [at]ml.jaxa.jp * *Please replace [at] in the email address with @.
19.	Name of Recruiter	Japan Aerospace Exploration Agency (JAXA)
20.	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