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

1.	Position	Associate Professor (Academic Staff)
2.	Number of Positions	One
3.	Affiliation	Department of Spacecraft Engineering, 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	December 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 spacecraft engineering
9.	Job Details and Responsibilities	The Department of Spacecraft Engineering at the Institute of Space and Astronautical Science (ISAS) contributes to space science missions by conducting academic research on spacecraft and onboard systems, based on electrical, electronic, and information engineering. ISAS contributes to lunar and planetary exploration missions by integrating space science with space engineering as well as further enhancing inter-university collaboration, with the aim of empirically elucidating the origin and evolution of the solar system. One of the fundamental technologies required for the spacecraft in these missions is energy system technology. There are many challenges in realizing the energy systems required for planetary and deep-space exploration spacecraft, including lightweight large-area solar cells, batteries with a wide operating temperature range, and wireless power transmission both within and outside the vehicle. ISAS seeks an associate professor who can lead basic research on power generation, storage, and transmission for spacecraft as well as research and development (R&D) of energy systems suitable for spacecraft. Responsibilities include (but are not limited to): ● Promoting research on energy systems for future spacecraft. ● Actively contributing to ongoing exploration missions and space science missions as an expert in energy systems. Furthermore, we are looking for a highly motivated candidate who can carry out their academic research in a project-oriented style and in collaboration with university researchers under the inter-university framework. Active participation in various JAXA projects and R&D activities as a demonstration of their academic expertise is also

		expected. The development of skills needed for projects related to the future development and utilization of space is anticipated as a natural outcome of the abovementioned activities. We hope to find someone who is capable of promoting joint research in collaboration with related companies as needed. To fulfill these duties, the successful candidate for the associate professor position needs to satisfy, at a minimum, the following criteria: ● Have research and/or practical experience in energy systems. ● Have the ability and willingness to promote research and provide leadership on energy systems engineering for future space science missions. ● Have the ability and willingness to actively engage in the activities required to implement space science projects both within and beyond their field of expertise. ● Be capable of providing instruction and guidance to graduate students.
10.	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 45 minutes 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 45minutes 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) Vacation 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 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.）

		(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	Research funding is determined according to the budget situation of each year. *FY2023: Professor; ¥800,000, Associate professor; ¥800,000, Assistant professor; ¥400,000
12.	Required Qualifications	PhD degree in 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 (type of funds, amount, and principal investigator/co-investigator) (5) Future research plan (including contribution to projects and ambitions for educational activities) (6) Names of two references with complete address and contact information (affiliation, telephone numbers, and e-mail addresses for a direct inquiry from JAXA). (7) Photocopies of major research papers (up to 5) published in peer-reviewed or refereed academic journals *If you are a resident of the European Economic Area (the EU zone), you are required to submit the following document as well. (8) Consent form for handling personal information based on GDPR (Form No.1) Download the form from the website listed in “14. Submission”
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/forms1/1711601265 (Notes) 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	August 5th, 2024, noon (JST) This deadline is for inputting the website and submitting all application documents.
16.	Screening	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.
17.	Contact Information	Director of Department of Spacecraft Engineering Prof. Takahide Mizuno Email: mizuno.takahide[at]jaxa.jp * For inquiries regarding Application Submission in Section 14: Management and Integration Department Human Resources Section 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 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. (2) Please also check the notes on JAXA HP* before applying. * https://global.jaxa.jp/about/employ/index.html