

Job Announcement for a Professor at the Institute of Space and
Astronautical Science, the Japan Aerospace Exploration Agency

The Japan Aerospace Space Exploration Agency (JAXA) is seeking to recruit a professor as described below. We widely call for recommendations and applications.

1. Title and Number of Position

One Professor

2. Department

Department of Space Flight Systems, Institute of Space and Astronautical Science (ISAS)

3. Summary of Position (Duties and Required Abilities)

In the field of solar-system exploration, the world-wide trends direct return trip to gravity bodies and manned deep space exploration. ISAS, having strength and heritage in minor bodies exploration as HAYABUSA and HAYABUSA2, has been always expected to propose unique and novel deep space exploration missions. It is, then, necessary for us to extend our ability of spacecraft operation, system design and analysis, the key of which are astrodynamics and space flight systems technologies. Hence, at this moment of HAYABUSA2's operating in the vicinity of RYUGU, we are to recruit a competent personnel who can take leadership in planning next-generation solar-system exploration missions. The successful candidate shall understand that pursuing originality does not mean to deny international collaboration. The candidate shall make efforts to identify the fields where Japan should take initiative and provide the resulting opportunities to international partners for mutual benefit.

Responsibilities of the successful candidate include (but are not limited to):

- To take academic leadership in international community and contribute to the progress in the fields of astrodynamics and space flight systems of deep space exploration;
- To make a substantial contribution to the ISAS's current solar-system exploration missions, while taking leadership in planning next-generation solar-system exploration

missions based on the candidates' academic achievements and engineering experiences; and

- To promote collaboration with researchers from universities and engage in teaching and directing graduate students, based on the understanding that ISAS/JAXA is an inter-university research institute.

To fulfill these responsibilities, the successful candidate needs to satisfy, at minimum, the following conditions:

- Experience in research related to deep space exploration, and achievements that are highly evaluated both in Japan and worldwide;
- Ability to take leadership of research and development activities in space flight systems related to space science missions;
- Experience to have lead a community composed of multi-disciplinary researchers so as to promote innovative research in aerospace engineering, including the ability to take leadership in collaboration between science and engineering and also in international cooperation; and
- Ability to teach and direct graduate students.

4. Terms and Conditions

(1) Salary will be determined under the provision of JAXA wage rules and regulations, taking into account ability and experience.

(2) Working days: Monday – Friday, except Japanese national holidays, year-end and New-Year holidays, paid vacation, summer vacation, celebration or condolence leave, maternity leave, child-care leave, care leave, nursing leave, volunteer activities, etc.

(3) Office hours: 9:30-17:45, in principle, with a recess from 12:15 to 13:00 (however, a discretionary labor system is applied).

(4) Overtime work: may be required (however, a discretionary labor system is applied, and working hours per day are regarded as 7.5 hours).

(5) Duty location: JAXA Sagamihara campus (ISAS), Kanagawa, Japan.

(6) Employment Status: Full-time/Retirement age is 63.

(7) 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.

(8) Social insurances (health insurance, pension plan, etc.) will be provided in full.

5. Eligibility

PhD degree is required.

6. Commencement of Assignment

At the earliest possible date after selection. Some coordination might be needed according to JAXA's budget situation.

7. Application Documents

- (1) Curriculum vitae
 - (2) Research career
 - (3) List of research achievements (impact factors or numbers of quotations shall be specified)
 - (4) Summary of previous research and outline of future research plan (including contribution to projects and ambitions for educational activities)
 - (5) List of awarded research funds through competition (type of funds, amount, principal investigator or co-investigator)
 - (6) If the applicant is recommended by others, the names, institutions, and contact information (telephone number and email address) of two people who can submit a necessary letter of recommendation. If the applicant recommends himself/herself, the names, institutions, and contact information (telephone number and email address) of two people who can submit a reference letter.
 - (7) Photocopies of major research papers (less than five) published in 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 "8. Submission".

8. Submission

Submit the application through the following website

<https://isas-appli-form.jaxa.jp/forms1/1542328773>

When submitting the documents, please follow the instructions given on the website. All of the files to be uploaded shall be in pdf format. Note that documents (2) to (6) should be merged into one pdf file.

If the applicant is recommended by others, we will request recommender(s) to directly upload their letters of recommendation to the website. (This request will be automatically sent to the email addresses of recommender(s) specified by the applicant.) Application delivered in person or by mail shall not be accepted.

9. Application Deadline

Friday, February 1, 2019, 9:30 (JST).

Applies to both web input and all necessary files, including letters of recommendation for recommended applicants.

Please access the above website and check how to submit necessary documents for application (including letters of recommendation if the applicant is recommended by others) as soon as possible. If application is made too close to the deadline, it will be difficult for recommenders to submit a letter of recommendation. Please be careful with regard to this.

10. Contact at the Institute of Space and Astronautical Science, JAXA

Prof. Eiichi SATO

Director of Department of Space Flight Systems

Tel: +81-50-3362-2469 E-mail: sato@isas.jaxa.jp

For inquiries regarding Application Submission in Section 8:

Management and Integration Department

Human Resources Section

Fax: +81-42-759-8440 E-mail: ISAS-JINJI@ml.jaxa.jp

11. Other Remarks

Screening will be conducted by the Advisory Council for Research and Management of ISAS, JAXA.

Traveling expenses necessary for the examination and selection shall be borne at the applicant's own expense. ISAS/JAXA actively welcomes female applicants.

<Handling of Personal Information>

The personal information provided to ISAS/JAXA will be used and handled solely for the selection purpose. ISAS/JAXA will discard all personal information of unsuccessful applicants after the selection.

※<Consent form for handling personal information based on GDPR>

For the purposes of affairs related to the selection and human resource management, JAXA needs to collect your personal data requested in the present form.

You may at any time object to the use of your data for this purpose by writing to the following address: ISAS-JINJI @ml.jaxa.jp

You will find below all the detailed information concerning this processing of your personal data and a reminder of your rights, in application of the legislation in force.

JAXA, willing to respect the privacy and protection of personal data of its prospects and clients, complies with the legislation in force regarding the protection of personal data as data controller, and in particular Law no. 78-17 of 6 January 1978 (the "Data Protection Act") and, from 25 May 2018, Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data and the free movement of such data (the "GDPR").

JAXA does not transfer personal data to third countries or parties outside the European Economic Area.

Personnel who transfers from National University Corporation, etc.* (hereinafter referred to as “previous position”) to JAXA Educational Employee will be treated under the following contents. However, personnel who have received his/her retirement allowance (including the equivalent payment) is excluded.

* National University Corporation, Inter-University Research Institute Corporation, National Institute of Technology, National Institution for Academic Degrees and Quality Enhancement of Higher Education, and National Center for University Entrance Examinations.

1. **Period of Employment concerning Year-End Allowance**
Employment period to the previous position will be added up to the tenure as a JAXA Educational Employee.
2. **Regional Adjustment Allowance Guarantee**
Regional adjustment allowance is guaranteed based on JAXA’s regulations, considering the work location on the day before the starting day at JAXA, in case of necessity.
3. **Payment Requirements for Business Bachelor Allowance**
Allowance may be paid for those who is continuingly a business bachelor from the previous position, only in case of fulfilling the requirements based on JAXA’s regulation.
4. **Days of Annual Leave**
Remaining days and time of the annual leave from the previous position will be taken over. Therefore, JAXA will need the acquired results of annual leave at the previous position.