

Job Announcement for
a Professor Position (full time) at
the Institute of Space and Astronautical Science,
the Japan Aerospace Exploration Agency

The Japan Aerospace 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 Solar System Sciences, Institute of Space and Astronautical Science (ISAS)

3. Summary of Position (Duties and Required Abilities)

ISAS/JAXA recognizes landing exploration on gravity objects as one of the most important items for future scientific exploration of the solar system, and intends to promote it by fusing space science and space engineering and further enhancing shared use of universities. For this position, we are seeking a candidate who will be the leader of research and development of science instruments in future solar system exploration, especially planetary exploration including landing exploration on gravity objects. In addition, the candidate should strategically establish a science instruments development system that will be necessary for future planetary exploration in Japan, in collaboration with the science instrument development groups outside ISAS/JAXA and engineering groups in ISAS/JAXA. We hope that the candidate will play a central role in the development of science instruments for solid planetary exploration in Japan. We will assign at least the following duties to the successful candidate.

- To promote the development of science instruments required for the solar system science exploration program carried out by ISAS/JAXA as a leader of the research and development of science instruments for solid planetary exploration at ISAS/JAXA. In particular, to promote the planetary exploration as a leader of the development of science instruments for future landing exploration on gravity objects.
- To find out the strategic direction of the development of science instruments for solid planetary exploration based on the development status all over the world, and to play a central role in the development of unique science instruments for solid planetary exploration in Japan while collaborating with the science instrument development groups

outside ISAS/JAXA and engineering groups in ISAS/JAXA.

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.

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&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.

To fulfill these duties, the successful candidate needs to satisfy at least the following conditions.

- He/she has an advanced academic record and research experience in the field of experimental solid planetary science and possesses enthusiasm for promoting planetary science through the development of science instruments.
- He/she should act as the leader of the development of science instruments for solid planetary exploration in Japan by overseeing the planetary exploration program all over the world including the development status of science instruments.
- He/she possesses a high degree of internationality. He/she has enough interdisciplinarity to be an active player in relevant science fields and science – engineering cooperation.
- He/she is capable of offering education and guidance to graduate students.

4. Terms and Conditions

(1) Salary will be determined according to the provisions of JAXA wage rules and regulations, considering ability and experience.

(2) Working days: Monday – Friday, except Japanese national holidays, year-end and new-year holidays, annual vacation, WLB annual leave, 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) Work Place: JAXA Sagamihara campus (ISAS), Kanagawa, Japan.

(6) Tenure and retirement age: a tenure position. Retirement at the age of 63.

(7) Lodgings: lodgings suitable for a family or a single occupant may be provided according to the provisions of JAXA considering the necessity for the work. (Maximum lodging term is 7 years.) An allowance for lodging may be paid as an alternative measure.

(8) Social insurances: Provided in full. (health insurance, pension plan, etc.)

5. Eligibility

PhD degree is required.

6. Commencement of Assignment

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

7. Application Documents

(1) Curriculum vitae

(2) Research career

(3) Outline of previous researches

(4) List of research papers (impact factors or cited number shall be specified)

(5) Future research plan (including contribution to projects and ambitions for educational activities)

(6) List of awarded competitive research funds obtained so far (type of funds, amounts, investigator type (principal investigator or co-investigator))

(7) 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.

(8) Electronic versions or scanned copies 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.

(9) 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/forms1/1597720627>

When submitting the documents, please follow the instructions in the above website. All of the files to be uploaded shall be in the pdf format. Note that documents (2) to (6) should be put 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.) We will not basically accept any application forms sent by mail or brought directly by the applicant.

9. Application Deadline

Monday, November 2, 2020, 9:30 (JST).

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

Please access to 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 shortly before the deadline, it will be difficult for recommenders to submit a letter of recommendation. Please be careful.

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

Director of Department of Solar System Sciences:

Prof. Yoshifumi Saito

Tel: +81-50-3362-4632 E-mail: saito.yoshifumi@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.

Each applicant shall bear the cost for transportation and accommodation arising out of the screening process. 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.

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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.