

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

The Japan Aerospace Exploration Agency (JAXA) will offer a job opportunity as a professor described below. We are looking forward to receiving recommendations for adequate people and applications from them broadly.

1. Title and Number of Position(s)  
One Professor

2. Department to Which the Professor Will Belong  
Department of Solar System Sciences, Institute of Space and Astronautical Science

3. Summary of Position (Duties and Required Abilities)

The Institute of Space and Astronautical Science (ISAS) considers that landing explorations are an essential driver of its future solar system sciences and plans to promote them by fusing interested planetary scientists and space engineering researchers, as well as by enhancing the function of inter-university cooperation. In order for the Japan planetary community to play a meaningful role in the landscape of the international competition and collaboration, and in order for the community to design its missions in a strategic manner, a leader needs to clarify its strength and weakness.

We expect the successful candidate to become a leader for designing and promoting a planetary exploration program composed of multiple mission lines, including those to be led by the Japanese community and participations to those large-scale projects led by foreign space agencies. The global landscape will be taken into consideration upon designing the program. The program promotion will be performed in cooperation with the relevant scientists and space engineering researchers. The perspective towards future landing exploration missions sets international leadership in the field of terrestrial planet science to be required for the leader. We will assign at least the following duties to the successful candidate.

- Act as the leader of the ISAS/JAXA terrestrial planet science group. Bridge between the Japanese and foreign communities of terrestrial planet science and the group at ISAS/JAXA. Implement a plan that will sustainably advance ISAS planetary science.
- Envisage the strategy for ISAS planetary exploration composed of multiple mission lines, by taking into account the global landscape of planet exploration.

The successful candidate is expected to understand the roles of ISAS in the inter-university cooperation scheme and to carry out collaborative research with researchers from the universities, and to earnestly offer education and guidance to graduate students by utilizing his/her ample experience in graduate school education. Furthermore, the successful candidate is expected to be actively engaged in various activities within JAXA, contributing to its research and development projects by utilizing his/her expertise.

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

- He/she has an advanced academic record in the field of terrestrial planet science and is passionate in advancing planetary science through exploration.
- He/she acts as a leader with the entire picture of planet exploration programs, including the global landscape, in his/her mind.
- He/she possesses a high degree of internationality. He/she understands an interdisciplinary approach that is required in fusing interested planetary scientists and space engineering researchers to work most fruitfully for a planetary mission.
- 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, 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) Work Place: JAXA Sagami-hara 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

(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 of major research papers (less than five) published in refereed academic journals

#### 8. Submission

Submit the application through the following website:

<https://isas-appli-form.jaxa.jp/forms1/1488934609>

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

Regarding the inputting in the website and the submission of all necessary documents (including letters of recommendation if the applicant is recommended by others.)

The documents should arrive by 9:30 am (Japan Time) on Friday, June 30, 2017.

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 Information

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Director

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Contact Info for Inquiries about how to Submit Documents Described in Section 8

Management and Integration Department

Human Resources Section

Fax: +81-42-759-8440 E-mail: [ISAS-JINJI@ml.jaxa.jp](mailto:ISAS-JINJI@ml.jaxa.jp)

#### 11. Other Remarks

Screening will be conducted by the Advisory Council for Research and Management of ISAS, JAXA. This job announcement comes into effect when there are three applicants or more. In case of fewer than three, the announcement is being made again.

Each applicant shall bear the cost for transportation and accommodation arising out of the screening process. ISAS/JAXA actively welcomes female applicants.

<Regarding the Purpose of Use of Personal Information>

We will use personal information provided for applying for a post in JAXA only for the purpose of screening applicants, and discard the personal information excluding that of a successful applicant on our own responsibility after the screening process is concluded.