

Job Announcement for an Assistant 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 an assistant professor as described below. We widely call for recommendations and applications.

1. Title and Number of Position(s)

One Assistant Professor

2. Department

Department of Interdisciplinary Space Science, Institute of Space and Astronautical Science (ISAS)

3. Summary of Position (Duties and Required Abilities)

The Department of Interdisciplinary Space Science is promoting new cross-cutting fields in space science with relevant studies, and emerging research fields as space science. Specifically, cross-cutting academic research with respect to “Space and Matter” and “Space and Life” are promoted as major pillars, and this division is actively working in particular on experiments and research using suborbital space flights or parabolic flights such as the International Space Station, sounding rockets, and scientific balloons.

On the other hand, in the aim of widely seeking the participation of academic researchers in creating space science achievements as the basis of the inter-university research system, ISAS places importance to the utilization of small flight vehicles (e.g. sounding rockets and scientific balloons) and is enhancing usage of such vehicles by innovating related technology and promoting internationalization. In particular, the scientific balloon experiments have less restrictions on such as size, weight, and vibration resistance strength, etc. of the equipment onboard than sounding rocket experiments. The balloon experiments are therefore crucial because they make it possible to realize relatively low-cost, high-frequency operations with challenging and ambitious astronomical observations, cosmic ray observations, in situ observations of the upper atmosphere, and technology demonstration and applied research at a high-altitude of up to 50 km and in a thin atmosphere as the experimental environment.

The assistant professor being recruited in this announcement is expected, as his/her duty, to conduct own academic study using balloons and contribute to creation of the new space science research at the Department of Interdisciplinary Space Science, and shall belong to the balloon experiment group of ISAS and make a contribution to maximization of achievement created through balloon experiments by operating them and taking part in cooperation with experimental

users. Through this, it is strongly expected to not only achieve state-of-the-art results, but also promote the development of preliminary demonstration projects and challenging missions, and advance human resource development in space science through the balloon experiments.

To fulfill these duties, the successful candidate shall at least meet the following conditions.

- (1) Have a wide interest which enables to work on various studies conducted in balloon experiments and flexibility to understand its academic significance, as well as being able to challenge to develop a new space scientific research through promotion of his/her academic study using balloon experiments.
- (2) Contribute to maximization of scientific achievement created through balloon experiments by engaging in flight operation of balloon experiments conducted by JAXA in cooperation with experimental users.
- (3) Have an experience of participation in experiments of various scales, although experience in the research using a flight vehicle is not essential.
- (4) Take a leading role along with researchers in the future projects between ISAS and foreign/domestic agencies in relevant science fields, based on the understanding that ISAS acts as an inter-university research institute.
- (5) Have a strong motivation in teaching and directing 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

- (1) PhD degree is required as of the due date of application, or, will obtain PhD degree by the date of adoption.
- (2) Be able to make a long business trip in about a total of 4 months a year in order to conduct the balloon experiments in a distant place.

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
 - (4) Summary of previous study and outline of future research plan (including ambitions for promotion of applicant's own study, contribution to the balloon experiment, and educational activities. Describe research plan by bearing in mind especially the tasks mentioned above.)
 - (5) List of awarded research funds through competition (type of funds, amount, principal investigator or co-investigator)
 - (6) Contact information of two referees (names, addresses, telephone numbers, and e-mail addresses for a direct inquiry from JAXA). If you are recommended by others, please provide two letters of recommendation.
 - (7) Photocopies of major research papers (three or less) 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/forms1/1542270674>

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 (5) 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 Research

Director of Department of Interdisciplinary Space Science:

Prof. Yuko Inatomi

Tel: +81-50-3362-5180 E-mail: inatomi.yuko@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. This job announcement comes into effect when there are three applicants or more. If there are fewer than three applications, the announcement will be made again.

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.