

Job Announcement for
Associate Professor Position (full time) 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 associate professor (Academic Staff) for the Department of Space Flight Systems, the Institute of Space and Astronautical Science (ISAS), as described below.

1. Title and Number of Position(s)

One Associate Professor (Academic Staff)

2. Department

Department of Space Flight Systems, Institute of Space and Astronautical Science, JAXA.

Institution URL: <http://www.isas.jaxa.jp/e/index.shtml>

Department outline: <http://www.isas.jaxa.jp/e/about/professor/index.shtml#05>

3. Summary of Position (Duties and Required Abilities)

Both space transportation systems such as satellite launchers as well as spacecraft systems like satellites and explorers will see higher requirements such as increased launching ability and/or more precise observation in the future. Their structures are expected not only to satisfy existing requirements of stiffness and strength, but also to have advanced features, for example, ultra-light structures, enhanced geometrical stability against thermal variation, and smart structures. The principal objective of the Department of Space Flight Systems is to contribute to space science projects by conducting academic studies in multiple disciplines in the diversified research fields related to space flight systems. Basic studies and developments of highly advanced structures are an important activity of this department.

Responsibilities include (but are not limited to):

- Perform basic research on advanced structures of both innovative space transportation systems such as launching rockets as well as innovative spacecraft systems such as satellites and explorers;
- Eagerly address oneself to the development of both spacecraft projects including small scientific satellites as well as large scientific satellites such as SPICA and space transportation projects such as the Epsilon rocket, sounding rockets and reusable sounding rockets, and contribute to these projects as a specialist of structures with strong responsibility to and leadership of project teams; and
- Promote collaboration with researchers from other universities and engage in teaching and directing graduate students, based on the understanding that JAXA/ISAS acts as an inter-university research system.

Required qualifications include:

- Experience in research and actual operations in the field of structures of both space transportation systems and of spacecraft systems, and achievements that are (or have the potentiality of being) highly evaluated both in Japan and worldwide;

- Experience or potentiality to lead a community composed of multi-disciplinary researchers to promote innovative studies in aerospace engineering;
- Ability to take leadership of research activities by applying them to actual space science programs and to collaborate technically with other subsystems of the programs; 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 will be provided in full.

5. Eligibility

PhD degree is required.

6. Commencement of Assignment

At the earliest possible date after selection. Basically from the first day of a month during Japanese FY2016.

7. Application Documents

Submit one copy each of the following:

- (1) Curriculum vitae
- (2) Research career
- (3) List of research achievements, including published papers and other publications, and photocopies of major research papers or other publications (impact factors shall be specified).
- (4) Outline of previous research and 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) Contact information for two references (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.

8. Application Deadline

Application with a full set of documents in Japanese or English, must be received by ISAS/JAXA by April 15, 2016, via registered mail or international courier.

9. Address

Submit applications to:

Human Resources Section
Management and Integration Department,
Institute of Space and Astronautical Science,
The Japan Aerospace Exploration Agency
3-1-1 Yoshinodai, Chuo-ku, Sagamihara, Kanagawa 252-5210, Japan
Fax: +81-42-759-8440

Note: Please indicate “Application documents for the associate professor position at the Department Space Flight Systems included” clearly on the envelop in red. Please note that the application documents will not be returned. Applicant must pay her/his own travel and accommodation expenses.

10. Contact at the Department of Space Flight Systems

Prof. Eiichi Sato
Director
Department of Space Flight Systems
Institute of Space and Astronautical Science, JAXA
Tel: +81-50-3362-2469
E-mail: sato@isas.jaxa.jp

11. Other Remarks

Applications will be examined and selected by the Advisory Council for Research and Management of ISAS, JAXA. 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.