

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

Japan Aerospace Space Exploration Agency (JAXA) seeks to recruit an assistant professor (Academic staff) at Department of Space Flight Systems, Institute of Space and Astronautical Science (ISAS), as described below;

1. Title and Number of position(s):

One Assistant 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 the Position (Contents of Work and Required Ability)

Spacecraft systems such as satellites will be required to achieve highly sophisticated mechanical system such as a sample collection mechanism in a solar-system-exploring mission. The principal objective of Department of Space Flight Systems is to contribute to space science projects by conducting the academic studies in multi disciplines in the diversified research fields related to the space flight systems including space transportation systems and aforementioned spacecraft systems. Basic studies and developments of highly advanced structures and mechanisms are one of the important activities of this department.

Responsibilities include (but are not limited to):

- Perform basic research on advanced structures and mechanisms of both innovative spacecraft systems such as satellites and explorers and innovative space transportation systems and;
- Engage in the development of advanced structures and mechanisms which are represented by the followings; a structural system of the spacecraft and a sample collection mechanism in the Martian Moon (Phobos/Diemos) Sample Return project; 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 inter-university research system.

Required qualifications include:

- A applicant who has experiences in research or actual operations in the field of structures and/or mechanisms of spacecraft systems and/or space transportation systems, and the achievements will likely be highly evaluated world-wide;
- Will and potentiality to lead community composed of multi-disciplinary researchers to promote innovative studies in aerospace engineering;
- Ability or potentiality to teach and direct graduate students.

4. Terms and Conditions:

- (1) Salary will be determined under the provision of JAXA wage rule and regulations, taking into account the abilities and experiences.
- (2) Working days: Monday – Friday, except Japanese national holidays, year-end and new-year holidays, a paid vacation, a summer vacation, a celebration or condolence leave, a maternity leave, a child-care leave, a care leave, a nursing leave, volunteer, etc.
- (3) Office hours: 9:30-17:45 in principle with recess of 12:15-13:00 (however, a discretionary labor system is applied).
- (4) Overtime works: may be required (however, a discretionary labor system is applied, and a working hour in a day is regarded as 7.5 hrs).
- (5) Duty location: JAXA Sagami-hara campus (ISAS), Kanagawa, Japan
- (6) Employment Status: Full-time/ Retirement age is 63-years-old.
- (7) Lodgings: a lodging house for family or single may be provided under the provision of JAXA in consideration of work nature. (A lodging term is limited to 7 years.) Or, an allowance for lodging is paid.
- (8) Social insurances will be fully provided.

5. Eligibility:

6. The Commencement of the Assignment:

At the earliest possible date after the selection. Basically from 1st 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 applicant's 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 of two referees (the names, addresses, telephone numbers, and e-mail addresses for a direct inquiry from JAXA.). If you are a nominator, please provide two letters of recommendation regarding the candidate.

8. Application Deadline:

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

9. Address:

Applications must be submitted to the following address:

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 Assistant Professor position of Department Space Flight Systems included” clearly on the envelop. Please be suggested that the application documents will not be returned. Applicant must fully pay his/her own travel and accommodation expenses.

10. Contact of 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:

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

The selection process will be consistently done with the peer review process of LEADER. If the applicant is younger than 40 years old on April 1 2017, he or she is expected to apply also Job Announcement for Leading Initiative for Excellent Young Researchers (LEADER) in the following HP address

<http://global.jaxa.jp/about/employ/index.html>

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.