



Call for Applications: JAXA International Top Young Fellowship in FY2013

The Japan Aerospace Exploration Agency (JAXA) International Top Young Fellowship (ITYF) was established as a prestigious new fellowship program in 2009. The ITYF is designed to attract outstanding, highly motivated, early-career researchers in any of the space science fields covered by the Institute of Space and Astronautical Sciences (ISAS) to work in Japan for 3 (extendable to 5) years. An excellent remuneration package is offered, including research budget (including travel expense) so that the fellow can extend their international profile, as well as developing collaborations within Japan.

Examples of possible research topics include:

- Structure and origin of the universe
- Formation of the earth and solar system
- Utilization of the space environment for microgravity experiments
- Engineering and technology development for the exploitation of space

For reference, the following research themes have been conducted by ITYF members at ISAS:

- Studying the Sun and the Heliosphere by Combining Observations and Numerical Simulations
- Observing black hole physics across the electromagnetic spectrum
- Extreme Physics of Relativistic Jets
- Flow and Emission Models for Different Astrophysical Objects
- Flow physics and computational in space science and aerospace engineering

Terms and Conditions

1. Duration of the Fellowship and commencement of research activity

(1) The research period duration is basically three (3) years. The contract shall be renewed every fiscal year. The period can be extended up to five (5) years from the time of commencement through review by the ITYF Steering Committee if desired, depending on funding and progress.

(2) Commencement of the research activity (start of contract) :subject to be consulted

Note: the starting date is required be the first day of the month during Japanese FY2013 (until March 2014)

2. Terms of the Fellowship

(1) Employment Status: Fixed term Employee (JAXA International Top Young Fellow).

(2)Salary: The monthly salary is 791,000 JPY before tax deduction (equivalent to an annual salary of \$94,920 USD at a exchange rate of 100 JPY /USD).

Note: In order to support the recovery efforts of the Great East Japan Earthquake, a small salary reduction is temporarily applied to all employees of government-oriented agencies. This also applies to the ITYF, and a salary reduction of 6.79% is planned until March 2015. (Due to this reduction, present monthly salary is 737,000 JPY before tax deduction)

(3) 2,500,000 JPY (25,000 USD at the above exchange rate) of research funds, which includes support for travel and research expenses, are prepared per fiscal year. Fellows may also apply for competitive research funds (e.g. JSPS's Grants-in-Aid for Scientific Research).

(4) Place of appointment: JAXA Sagamihara Campus (ISAS).

(5) Housing and commutation allowance are provided in addition to the salary, if fellows meet certain requirements due to JAXA's rule..

(6) Social and other insurances will be fully provided.

(7) Japanese language lessons are available on-campus a few times a month.

(8) Other conditions should be under the provision of JAXA regulations and Japanese applicable laws and regulations.

3. Eligibility

Applicant must have a Ph.D. (or equivalent doctoral level degree) and less than 8 years postdoctoral experience.

4. Application

On-line application is available at the following site.

<https://fs220.xbit.jp/h383/form1/>

A set of the following documents is to be submitted in the application.

- (1) Applicant's curriculum vitae.
- (2) Outline of applicant's previous research, and future research plan.
- (3) List of research achievements, including published papers and other publications, etc.
- (4) Applicant's three(3) major research papers.
- (5) Three(3) letters of reference.

Note: The letters of reference must be sent by email directly from your referees' accounts to ITYF2013@jaxa.jp. Please inform us of the names of your referees in your email message when you send the application documents.

Application documents can be sent to the address below by registered mail or international courier service. If so, please state "Application documents for JAXA International Top Young Fellowship" in red ink on the front of the envelope. Application documents will not be returned.

JAXA International Top Young Fellowship Steering Committee
Institute of Space and Astronautical Science

Japan Aerospace Exploration Agency
3-1-1 Yoshinodai, Chuo-ku, Sagamihara-shi, Kanagawa 252-5210, JAPAN

5. Number of positions

A few

6. Application deadline

August 31 , 2013

All applications must be received by the closing date.

7. Selection of Fellowships

Submitted documents will be reviewed by the JAXA International Top Young Fellowship Steering Committee. Selected candidates will be invited for a seminar presentation at ISAS/JAXA in Japan. (At JAXA's expense).

(Schedule)

- Beginning of October : Announcement of paper screening result by e-mail
- Beginning of November : Seminar presentation
- End of November : Announcement of Successful Applicants

8. General inquiries

E-mail : ITYF2013@jaxa.jp

JAXA International Top Young Fellowship Steering Committee

Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency

9. Miscellaneous

All documents should be in English language.

10. Use of personal information

The personal information provided to JAXA will be used and handled only for the purpose of selecting the JAXA International Top Young Fellow. JAXA will discard all personal information of unsuccessful candidates after the selection.

For further information on ISAS's activities and the ITYF, please refer to the following web sites.

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

<http://www.isas.jaxa.jp/e/researchers/young-fellowship/index.shtml>

Kozo Fujii, Professor

JAXA ITYF Steering Committee Chair ISAS/JAXA

Tadayuki Takahashi, Professor

JAXA ITYF Steering Committee Vice Chair ISAS/JAXA