



## **JAXA International Top Young Fellowship**

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 subjects 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 fellows 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



## **Announcement of Opportunity for the 2014 ITYF**

JAXA is looking for talented and motivated individuals who are willing to work for the ITYF.

### **Eligibility**

Applicants must have a Ph.D. in natural science (by the end of May 2014), or equivalent or higher capabilities, and less than 8 years of postdoctoral experience.

### **Terms and Conditions**

#### **Duration of the Fellowship and commencement of research activity**

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

2. Commencement of the research activity (start of contract): February 1, 2015.

Note: The starting date is negotiable

#### **Terms of the Fellowship**

1. Style: Fixed term Employee (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. Research Fund: 2,500,000 JPY (25,000 USD at the above exchange rate) . Including 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 Sagami-hara Campus (ISAS).

5. Allowance: Housing and commutation allowances are provided, if fellows meet certain requirements according to JAXA's rule.

6. Working days: Monday-Friday, except Japanese national holidays, year-end and new year (December 29<sup>th</sup>- January 3<sup>rd</sup>).



7. Paid leave: Annual leave, child-care leave and maternity leave, etc.
8. Others: Employment insurance, health insurance, employees pension insurance, workers' compensation insurance will be provided.

Note: The conditions are subject to change according to JAXA regulations as well as applicable Japanese laws and regulations, and availability of the JAXA budget.

### **Application Procedure**

#### **Application**

Please apply from the online application below.

<https://fs223.formasp.jp/d394/form1/>

#### **Documents to be submitted**

Applicants must submit a set of the following documents to JAXA.

1. Curriculum vitae.
2. List of research achievements, including published papers and other publications, etc.
3. Outline of applicant's previous research, and future research plan.
4. Applicant's three(3) major research papers.
5. Three(3) letters of reference.
6. Application form (when you send directly to the address below)

Note: The letters of reference must be sent by email directly from your referees' accounts to [ITYF2014@jaxa.jp](mailto:ITYF2014@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 "Enc. 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, Sagami-hara-shi, Kanagawa 252-5210, JAPAN

**Number of positions**

A few

**Application deadline**

May 30 , 2014

All applications including letters of reference must be received by the due date.

**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).

Note: The travel and accommodation expenses that occurs in order to be interviewed will be covered by JAXA.

(Schedule)

- Mid-July : Announcement of paper screening result by e-mail
- End of August : Seminar presentation
- Mid-September : Announcement of Successful Applicants

**General inquiries**

E-mail : [ITYF2014@jaxa.jp](mailto:ITYF2014@jaxa.jp)

JAXA International Top Young Fellowship Steering Committee

Institute of Space and Astronautical Science, Japan Aerospace Exploration Agency

**Miscellaneous**

All documents should be written in English language.

**Use of personal information**

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

**Related Web Sites**

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

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



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