

Call for Proposals - Ideas for “Try Zero G”

The Japan Aerospace Exploration Agency (JAXA) invites your idea of experiments to be conducted in the International Space Station (ISS), as the “Try Zero G” program. JAXA Astronaut Mr. Kimiya. Yui will be assigned for these experiments in the Japanese experiment module, Kibo, during his mission in the ISS.

1. Important Notes about Proposing an Idea

We expect unique, novel and/or informative experiment ideas that have never been done before in the ISS.

- Please be aware that ideas realized in the past experiments will be excluded. See the following movies (<http://jda.jaxa.jp/search.php?lang=e&keyword=Try+zero>)
- Experiments will be conducted in the Japanese experiment module, Kibo, in the ISS.
- Experiments need to be done with no tools or with items scheduled to be available onboard the ISS (see below).

The available items (tools and materials) onboard the ISS are as follows:

yo-yo, tape measure (about 2 m), background sheet (about 50 cm X 50 cm, with 10-cm squared scales), origami paper, rubber band (about 2 m), spring scale, Slinky (metal coil toy), weights (aluminum, iron, wood, plastic; same volume but different mass), constellation board, paint brush, straw, compass office supplies (paper, pen, scissors, ruler, binder clip, zip-lock bag, etc.), Tools (driver, wrench, tweezers, inspection mirror, etc.)

* Some items may not be available depending on the work schedule/situation.

- The time required to complete the experiment should be less than 10 minutes and the instructions should be easy enough for children to understand and follow.
- The activity will be recorded with a high-definition video camera. The high-definition image data will be downlinked to the ground and sent to each space agency afterwards.
- Live broadcasting is not available, and therefore instructions to the crew cannot be given in real time.
- Please do not submit proposals that financially profit a specific organization or agency.
- Several ideas may be accepted from one applicant.
- Depending on the mission schedule of Astronaut Yui and the operational situation of the ISS, another astronaut may take his place.

2. Application Items

(1) An activity idea for Astronaut Yui to conduct in the Japanese experiment module, Kibo

(2) Expected outcome of the activity and the reason

(3) Information of applicants (If several people are involved, the information of all members is needed. If you are applying as an agency, please include the names of

your agency and a representative, as well as the number of people in your group.)

- Name
- Zip code, Address (Country)
- Phone number
- Age
- Gender
- School/Occupation
- E-mail address

3. Application Method

Please contact the agency.

4. Deadline

January 22 2015 (JST 17:00)

If you plan to apply by mail, the application must be postmarked by the deadline.

5. Schedules

Jan. 22: Deadline of application

Jan. 29: Selection and Announcement

End of Jan. - beginning of Feb.: Safety Review

Mar. 2015: Create procedure manuals

Mid-2015 (TBD): Implement experiments

* The schedule is subject to change.

6. Selection

- Unique ideas taking into account the special environment of space (microgravity)
- Novel ideas
- Educational ideas, such as the difference between the microgravity environment and the environment on the ground
- Ideas that have not been conducted in the past
- Ideas that do not require tools or ideas that make use of items scheduled to be onboard (The safety of activities conducted on orbit with the items must be guaranteed.)
- Ideas easy enough for children to understand
- Ideas that comply with the laws and public order and standards of decency
- Ideas that do not harm the reputation of the ISS, JAXA, or the astronaut
- Ideas that do not physically harm the astronaut or the ISS

7. Announcement of Selection Result and Activity Result in Space

The selection result and the winner of the candidate themes will be announced by circulation mail. The announcement will include the contents of the proposal, the outcome/reason, as well as the applicant's name, address (prefecture and country), and occupation.

Moreover, the result of the activity in space will be announced on the JAXA HP

<http://iss.jaxa.jp/en/kuoa/>.

8. Agreements

Applicants must agree with all of the items below:

(1) Management of Submitted Proposal

- JAXA has the right to modify the idea, conduct the activity in space, and apply the result to public and educational purposes.
- - Images and pictures in the submitted proposal will be open to the public via JAXA's website. The images/pictures may be utilized for public/educational purposes.
- JAXA may use the submitted proposal for public/educational purposes even if the idea is not conducted in space.
- If any of the requirements are violated, even after the idea is accepted as a proposed experiment, the acceptance can be withdrawn.

(2) Responsibility of Applicant and Exemption Clause of JAXA

- Applicant must guarantee that the submitted proposal does not violate any legal rights, such as intellectual property rights. If a legal problem related to the submitted proposal arises, the applicant will take full responsibility and must solve the problem.

(3) Privacy Policy

- The personal information collected through this application will be used only for informing the applicant of the selection result, publication, and events related to this project.

9. Specials

JAXA will issue a certificate of merit to the proposer of adopted idea.

10. Questions/Contact

Kibo Utilization Office for Asia(KUOA) secretariat

E-mail: KUOA@jaxa.jp