CAREERS AT ISAS/JAXA
As of 21 SEP 2018
the Institute of Space and Astronautical Science (ISAS)/JAXA
The Japan Aerospace Exploration Agency (JAXA) International Top Young Fellowship (ITYF) was established in 2009 with the purpose of inviting the world’s top-level young researchers to work at the Institute of Space and Astronautical Sciences (ISAS)/JAXA. A total of 15 fellows have participated in the program so far, six of whom have since taken permanent posts in other institutes and universities. Currently 6 ITYFs are at ISAS/JAXA (As of SEP 2018).

**2018 FALL CALL NOW OPEN (Deadline: 20 NOV(JST))**
http://global.jaxa.jp/about/employ/index.html

<table>
<thead>
<tr>
<th>NAME</th>
<th>FORMER INSTITUTE</th>
<th>RESEARCH THEME</th>
<th>PERIOD</th>
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<tbody>
<tr>
<td>PERALTA, Javier</td>
<td>Astrophysical Institute of Andalucia (Spain)</td>
<td>Characterization of atmospheric dynamics by using “AKATSUKI” and “Venus Express”</td>
<td>April 2015 –</td>
</tr>
<tr>
<td>CRITES, Sarah</td>
<td>University of Hawaii at Manoa (US)</td>
<td>Evolution of the Solar System as Revealed by Remote Sensing of Small Bodies</td>
<td>July 2016-</td>
</tr>
<tr>
<td>IZUMI, Kiwamu</td>
<td>California Institute of Technology (US)</td>
<td>Observational gravitational wave astronomy</td>
<td>September 2017-</td>
</tr>
<tr>
<td>BONARDI, Stéphane</td>
<td>Massachusetts Institute of Technology (US)</td>
<td>Self-reconfigurable modular robots for space exploration: design and control</td>
<td>October 2017-</td>
</tr>
<tr>
<td>QUINTERO NODA, Carlos</td>
<td>Solar-B Project Research Associate/ JAXA(Japan)</td>
<td>New insights on solar polarimetry as preparation for future solar missions: Sunrise/SCIP</td>
<td>November 2017-</td>
</tr>
<tr>
<td>LAU, Ryan Masami</td>
<td>Caltech and Jet Propulsion Laboratory(US)</td>
<td>Exploring the Dusty and Dynamic Universe with SOFIA, Spitzer, JWST and Beyond</td>
<td>September 2018-</td>
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</tbody>
</table>
Aerospace Project Research Associate (APRA)

- Japan Aerospace Exploration Agency (JAXA) is seeking outstanding young researchers to use their specialized knowledge to advance various JAXA aerospace projects more effectively and efficiently.
- Currently 24 APRAs are at ISAS/JAXA (as of SEP 2018).

<table>
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<tr>
<th>PAST THEME</th>
<th>Description</th>
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<tr>
<td>Organized WFIRST-Subaru Synergistic Observations Workshop</td>
<td>Liquid Crystal Device - A thin film device that can change its optical properties.</td>
</tr>
<tr>
<td>Multi-Wavelength Polarimetry of Star Forming Regions</td>
<td>Hydrodynamic Instabilities Modeling in Hybrid Rocket Engines</td>
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<tr>
<td>Study on elemental analysis of planetary surface based on nuclear spectroscopy</td>
<td>Alloy Semiconductor project - Effects of gravity and orientation on the dissolution and growth properties of InGaSb ternary alloys</td>
</tr>
<tr>
<td>OSIRIS-REx: Sample Return from Asteroid (101955) Bennu.</td>
<td>Global and small-scale structure of the zodiacal dust cloud observed with AKARI</td>
</tr>
<tr>
<td>Regolith particles recovered from S-type asteroid Itokawa preserve various space weathering features.</td>
<td>Understanding the Onset Mechanisms of Solar Explosive and Eruptive Phenomena and Its Prediction Using Hinode and SDO data</td>
</tr>
<tr>
<td>Astrodynamics Analysis and Operation Planning for Proximity Phase of Hayabusa2</td>
<td>R&amp;D on Scientific Payloads for Future Solar Missions</td>
</tr>
</tbody>
</table>

Archive activities of the AKARI MIR slitless spectroscopic data and observational study of the ISM in Galactic star-forming regions

Clouds on Venus play important roles on chemistry, dynamics, and thermal balance in the atmosphere.

The Soft X-ray Spectrometer (SXS), Hard X-ray Imager (HXI) and Soft Gamma-ray Detector (SGD) onboard X-ray observatory Hitomi are designed to have good timing capability.

Direct Measurements of Two-Way Wave-Particle Energy Transfer in a Collisionless Space Plasma
Faculty

- The Japan Aerospace Exploration Agency (JAXA) is seeking to recruit professors (including Assistant/Associate) at the Institute of Space and Astronautical Science (ISAS)

- Calls for applications open throughout the year.

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

- <Faculty>
  http://www.isas.jaxa.jp/en/about/researchers/

- <Laboratories>
Currently, 248 graduate students are at ISAS / JAXA (as of SEP 2018), via acceptance through different educational institutes.

Details of the student acceptance system at JAXA:


The Department of Space and Astronautical Science of SOKENDAI (The Graduate University of Advanced Studies), is based at ISAS/JAXA.

http://www.isas.jaxa.jp/sokendai/e/index.html

Department of Space and Astronautical Science offers a Grant-type Special Scholarship as of October 2017, aiming to support excellent student applicants who will be leaders in the future of space science.

http://www.isas.jaxa.jp/sokendai/e/admissions/support.html
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COSMOS BLOG http://cosmos.isas.jaxa.jp/?page_id=65

<MISSION>