

Stepping forward, into science's world

# International Collaborations 2016 → 2017

With researchers around the world, international research initiatives start here.



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## JSPS is Japan's core funding agency supporting the advancement of scientific research.



Four major pillars underpin the implementation of JSPS's program: (1)Generating world-class knowledge in diverse fields; (2)Building robust international collaborative networks; (3)Fostering the next generations and enhancing the education/research functions of universities; and (4)Building evidence-based science-promotion systems and strengthening linkage with society.

This leaflet introduces JSPS programs carried out upon a foundation of partnership built with and among science-promotion organizations throughout the world, with an aim to further advance the globalization of scientific research activities and the international mobilization of researchers.

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## Intercultural research is always a mutual exchange

## Voice of JSPS Fellow

[ISPS Postdoctoral Fellow]

## Dr. Krisztina ROSNER

Associate Professor, University of Pecs, Hungary



My research investigates concepts of non-human and neo-human presence in contemporary Japanese theatre from three aspects: in relation to cutting edge technology (robots, androids, vocaloids), to natural elements, and to the increasingly important activity of senior amateur theatre groups. I am convinced that the humanities, arts and theatre are essential for managing social trauma caused by natural, economic or political crises, and for maintaining the functions of a democratic society.

The JSPS Fellowship offers me an ideal combination of independent research and closely connecting me to my host institution. The research facilities and conditions at Waseda University are excellent. Through our discussions, our collaboration with my host advisor Professor Fujii has evolved into a continuous joint project. This creates a very inspiring research environment.



## Welcome the ways it changes me

What I like most about Japanese culture is its sense for details. My favorite places are the parks—the quietude they offer amidst the busy atmosphere of Tokyo. I like taking long walks in the parks, pausing to eat my bento box lunch, before returning to the city center.

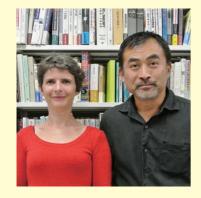
Through theatre, I have the opportunity to meet a lot of people in Japan with various backgrounds. These encounters are very rewarding experiences for me. Intercultural research is always a mutual exchange. I truly enjoy and treasure this process of discovering Japanese culture and everyday life, and welcome the ways it changes me.

### **Research Topic:**

Reconsidering the performer's presence: non-human / neo-human aspects of contemporary Japanese theatre

Host research institution: Waseda University

Fellowship tenure: 1 April 2015 – 31 March 2017



[Host Reseacher]

Shintaro FUJII

Professor, Waseda University

## Dr. Rosner's presence plays an important role in energizing atmosphere

Thanks to JSPS's support, we are able to welcome Dr. Krisztina Rosner in our lab. I feel very lucky that Dr. Rosner came all the way from Hungary to work with us. As our ages are not so different, our relation is close to that of joint-research

colleagues rather than that of advisor and intern. We have already given joint presentations at three international conferences. We share an interest in the "actual" expression of modern theatre. In that light, Dr. Rosner is taking a new look at the post-human aspect of today's performing arts. As this is a perspective I had not considered before, her work has greatly stimulated my own. Like the Japanese graduate students in my lab, Dr. Rosner's presence plays an important role in energizing its atmosphere and inspiriting our work. For this too, I am very thankful.

## JSPS supports international research activities.

## **About Our Programs**



As JSPS programs respond to a variety of needs, such as supporting international joint research, inviting researchers to Japan from overseas, and fostering young researchers who will play active roles in the global arena, we would be happy if you would positively consider applying for a program of your interest.

## Inviting Researchers from Other Countries to Japan

## Postdoctoral Fellowships for Overseas Researchers

## Overseas Fellowship Division

## **Standard**

Outstanding young researchers are invited to Japan for 1-2 years to conduct joint research under the guidance of a Japanese host researcher.

### **Short-term**

Young pre- and postdoctoral researchers are invited to Japan from Europe and North America to conduct joint research under the guidance of Japanese host researchers for the relatively short period of 1-12 months.

### **Summer Program**

Young pre- and postdoctoral researchers from the US, UK, France, Germany, Canada and Sweden come to Japan for a 2-month research experience during the summer.

## **Strategic Program**

Excellent young researchers with high future potential are strategically invited to Japan from among leading advanced nations and other selected countries.

## Pathway to University Positions in Japan

In support of Japanese university initiatives to employ in full-time positions young researchers from other countries, this program invites young researchers to Japan for a period of 1-2 years as a preparatory stage to university employment.

## Invitation Fellowships for Research in Japan (Long-term, Short-term, Short-term S)

## Overseas Fellowship Division

### Long-term

Mid-career and professor level researchers from other countries are invited for long-term (2-10 months) research visits to Japan.

## **Short-term**

Researchers with outstanding records of achievement are invited for short-term (14-60 days) visits to Japan.

## **Short-term S**

Recipients of high-level international academic prizes, such as Nobel laureates, are invited for short-term (7-30 days) visits to Japan.

## **RONPAKU (Dissertation PhD) Program**

## Overseas Fellowship Division

This program provides tutorial and financial support to promising Asian and African researchers who wish to obtain a PhD degree from a Japanese university through the submission of a dissertation without going through a doctoral course.

## Supporting International Joint Research and Seminars



## Bilateral Programs

## (Joint Research Projects/Seminars/Researcher Exchanges)

Bilateral Cooperation Division

## **Bilateral Collaborations (Joint Research Projects and Seminars)**

Support for carrying out joint research projects and seminars is given for the purpose of creating sustainable networks between bilateral research teams. These collaborations take two forms: (1) Based on memoranda of understanding (MoUs) and other cooperative agreements between JSPS and counterpart organizations, and (2) based on an Open Partnership Joint Research and Seminar Program open to all countries.

## **Researcher Exchanges**

Funding is given to Japanese researchers to support their visits to researchers in counterpart countries for such purposes as conducting research or engaging in discussions.



19th India-Japan Science Council (Bangalore, India, April 2016)

## **JSPS International Joint Research Program**

International Policy Planning Division

In cooperation with JSPS's overseas counterpart organizations, international joint research is supported with an aim to advancing research carried out between excellent researchers in Japanese universities/research institutions and their overseas colleagues, while giving young researchers an opportunity to devote themselves to their studies.

## A3 Foresight Program Research Cooperation Division

Along with JSPS, partner funding agencies in China and Korea jointly recruit, select and support trilateral projects to develop top world-class research hubs in East Asia.



A3 Workshop on "Interdisciplinary Research Connecting Mathematics and Biology" (Peking University, China, April 2016) (Provided by WPI-AIMR, Tohoku University)

## **Japanese-German Graduate Externship**

Bilateral Cooperation Division

Mutual graduate curricula are established by collaborating Japanese and German universities, and doctoral students, young researchers including postdocs, and teaching professionals are exchanged between them. In both countries, the doctoral students receive guidance in their research and in preparing their dissertations.



Discussion at Joint Seminar
(Martin Luther University of Halle Wittenberg, Germany, March 2015)

## **Core-to-Core Program**

Research Cooperation Division

## A. Advanced Research Networks

To create top world-class research centers in leading-edge fields, JSPS supports a wide spectrum of activities, including joint research projects and seminars, carried out based on sustainable partnership with research institutions around the world, while providing cutting-edge platforms for fostering young researchers.

## **B.** Asia-Africa Science Platforms

To help solve problems prevailing in developing regions of Asia and Africa, Japanese universities and research institutions take the lead in building research centers in the counterpart countries and in fostering young researchers.



Silicon Quantum Electronics Workshop (Takamatsu City, Japan, August 2015) (Provided by Keio University Faculty of Science and Technology)



Poster Presentation (Takamatsu City, Japan, August 2015)

## Expanding Researcher Networks

## **Building a JSPS Researcher Community**

JSPS Fellows Plaza

There are currently JSPS-authorized alumni associations in 16 countries. Follow-up activities are supported to build and sustain this community of former JSPS overseas fellows and program participants, including holding seminars and symposiums and issuing newsletters.



20th Japanese-German Symposium organized by German JSPS Alumni Association (Potsdam, Germany, May 2015)

## **BRIDGE Fellowship Program**

JSPS Fellows Plaza

Support is given to former fellows under Fellowships for Overseas Researchers and other JSPS programs who are now regular members of officially recognized JSPS alumni associations, providing them an opportunity to revisit Japan and create, maintain, or strengthen their collaborative ties with Japanese colleagues and research institutions. Visits are from 14 to 45 days.

## Japan-Affiliated Research Community Network (JARC-Net)

JSPS Fellows Plaza

JARC-Net is a database of researchers who have studied and/or stayed in Japan and are interested in research cooperation between Japan and other countries/areas. By registering, you will be able to freely browse the database and search for joint research partners.

http://www.jsps.go.jp/english/e-affiliated/index.html

## Providing International Experience and Training to Young Researchers

## **Frontiers of Science (FoS) Symposium**

Research Cooperation Division

These bilateral symposiums each assemble 30-40 young researchers (ages up to 45), who lodge together for a period of three days. The participants are offered a unique opportunity to engage in cross-disciplinary discussions on the cutting edge of scientific topics. The symposiums are jointly sponsored by JSPS and its overseas counterpart institutions.



12th Japanese-German Frontiers of Science Symposium (Kyoto, Japan, October 2015)

## **Travel Grant for Attending Lindau Meetings**

Research Cooperation Division

At Lindau Nobel Laureate Meetings, Nobel laureates give lectures to and hold discussions with young researchers from around the world. JSPS nominates doctoral students and young researchers as Japanese candidates to the Lindau Council and bears their participation expenses.

## **HOPE Meetings with Nobel Laureates**

Research Cooperation Division

These meetings give opportunities to excellent doctoral students and young researchers selected from countries/areas in the Asia-Pacific and African regions to engage in interdisciplinary discussions with Nobel laureates, other distinguished scientists, and peers of their own generation.



8th HOPE Meeting with Nobel Laureates (Dr. S. Haroche) (Tsukuba, Japan, March 2016)

## **Academic Workshops & Seminars for Young Researchers**

Research Cooperation Division

Scientific seminars and workshops are held to promote bilateral research collaboration in all research fields including the humanities and social sciences, while fostering young researchers and supporting network building.



FAPESP-JSPS Joint Research Workshop (São Paulo, Brazil, February 2015) (Provided by Chiba University)

## Sending Young Researchers Overseas

## Program for Advancing Strategic International Networks to Accelerate the Circulation of Talented Researchers

Overseas Training Program Division

This program is designed to foster a high caliber of researchers who will form the core of future international joint research networks, while strengthening Japan's existing bi-and multi-lateral networks. By supporting global-standard international joint research between Japanese universities and top-ranking research institutions in other countries, a bidirectional exchange is carried out through which young Japanese researchers are dispatched for long-term stays (as a rule, one year or longer) at counterpart institutions and overseas researchers are invited to Japanese research organizations.

## **Postdoctoral Fellowships for Research Abroad**

Overseas Training Program Division

To foster and secure talented researchers with a breadth of international perspectives and abundant potential to shoulder the future of Japanese science, this program supports the dispatch of excellent young Japanese researchers abroad, where they can concentrate on their research activities for long periods at overseas universities and other research institutions.

## Supporting Researchers' Outreach Activ

## **Science Dialogue**

Overseas Fellowship Division

Young postdoc fellows from other countries are invited to give lectures in English on their research activities and home countries at Japanese high schools.



Dr. Christopher J. VAVRICKA from Okayama University (USA) (Osaka Prefectural Tondabayashi High School, Japan, June 2015)

## Supporting Internationalization of Universities

## Supporting the Overseas Activities of Japanese Universities

International Policy Planning Division

Some of JSPS's overseas offices have a joint usage policy to support the overseas development of Japanese universities. Faculty and administrators of these universities are allowed to use their offices as a base during long-term overseas stays.

## **Examples of Joint Use of JSPS Overseas Offices**

## Keio University

Keio University utilizes the JSPS London Office as a local base and liaison node for its international exchange activities in Europe. As such, it uses the Office to provide information on its education and research opportunities and Japanese culture aimed at kindling interest in Japan. The Office also plays an integral role in planning the annual Experience Japan Exhibition (EJE) in London, which Keio has held every year since 2011.

## Kobe University

Kobe University takes advantage of the Beijing Office's joint-use program to hold and participate in study-abroad briefings and to widely disseminate information on its education and research programs. The University also has executives from China-based companies attend its job-placement briefings so as expand and enhance job opportunities for its students.

## Providing Practical Overseas Training for University Administrative Staff

International Policy Planning Division

JSPS's Tokyo Head Office and its overseas offices provide practical work experience related to international scientific exchange, along with foreign language training and overseas internships, for administrative staff of Japanese universities.

## **Portal Site for Overseas Scientific Trends**

International Policy Planning Division

This portal site is established for the purpose of disseminating information on the international activities of universities and other institutions. JSPS's overseas offices gather information on the higher educational and scientific trends in their host countries and regions, which is given wide access through this portal site (only in Japanese). https://www-overseas-news.jsps.go.jp/



## Contact Information

If you have questions about our programs or their application procedures, please visit JSPS's website or feel free to contact our staff in charge of each program. All information regarding the open recruitments for these programs is posted on JSPS's webpage.



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JAPAN SOCIETY FOR THE PROMOTION OF SCIENCE

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