

2014
August
Issue 66

EURAXESS LINKS JAPAN

Dear Colleagues,

After two long months of silence, it is my pleasure to bring to you the August 2014 edition of the EURAXESS Links Japan Newsletter.

I have taken position as the EURAXESS Links Japan since August and hope to be as useful to you as Lee WOOLGAR was, whom I wish to thank for all his efforts towards a smooth transition.

I have a background in physics and engineering and was a researcher in material physics, more specifically in physical/chemical characterization for semiconductors and renewable energy applications. I spent the first part of my training for Engineering Degree in France and the second part in Japan at Kyoto University, where I had first contacts with the Japanese research community. After coming back to France for my PhD, I returned to Kyoto University for a short-term postdoctoral contract.

International mobility for researchers is a particularly important item, greatly contributing to scientific, technological and economic development. It allows rapid advances in research projects by putting in common funds, manpower, infrastructures and skills. It is thus a field I committed to explore during my (short) career as a researcher. To be further involved in this field I then chose to move to the Embassy of France in Japan in order to work as one of the S&T coordinators for space affairs.

As the new Country Representative for EURAXESS Links Japan, and keeping in mind that I was too, at one point, on the other side of the fence looking for news, events and funding schemes for mobility, I look forward to providing useful insights to the largest possible number of European and Japanese researchers on developments and opportunities in the Old Continent and in the country of the Rising Sun.



I hope that you will find this issue –and all those which will follow– interesting and useful. Please feel free to share it and show to your colleagues and counterparts the link for direct registration: [here!](#)

In this edition you will find, as usual, information on the latest News and Developments related to STI in Europe and Japan and of some joint projects. You will also find a selection of Grants and Fellowships, a lot of them with very tight deadlines are still advertised because of the two-months gap in the publication of the newsletter. The Jobs and the Events section have been given a new structure for more clarity.

This month there is a wealth of JSPS calls for contribution in a variety of disciplines and for support of exchanges and cooperative projects. Whilst most of the deadlines are coming close, these calls are of particular importance for collaboration with Japan, so please check the information in section 3.3.

This year's edition of the EURAXESS Science Slam is coming closer and contributors can now register [here](#), attendees [here](#). The event will take place at the Tokyo Institute of Technology on 10 November. We hope to welcome many of you, so please check section 5.1 for more information and register as soon as possible!

This month's EU insight features the pan-European pension fund RESAVER initiated by the European Commission.

This Newsletter is also intended as a communication tool with you all, so please do not hesitate to contact us any time at japan@euraxess.net for comments, corrections or if you want to advertise for a particular funding scheme or event.

Enjoy the reading and have a successful month!

Matthieu PY

EURAXESS Links Japan Country Representative

japan@euraxess.net



Follow us here too!



Contents

1	EU Insight - The Pan-European Pension Fund RESAVER.....	6
2	News & Developments	8
2.1	EU, Member States and Associated Countries	8
2.1.1	Have your say on the future of science.....	8
2.1.2	Launch of the European S&T network on unconventional hydrocarbon extraction.....	9
2.1.3	EU-industry partnerships seek innovation boost	10
2.1.4	Two Fields Medals 2014 awarded to ERC laureates.....	10
2.1.5	Towards an Energy Union	11
2.1.6	Preannouncement: joint German-French-Japanese call for projects on exascale computing.....	12
2.2	Japan	13
2.2.1	TSUBAME-KFC supercomputer No.1 in green computing....	13
2.2.2	K computer runs largest ever ensemble simulation of global weather.....	14
2.2.3	Japanese universities rankings in ARWU 2014 edition	15
2.2.4	Professor Yamagiwa has been announced as the next Kyoto University President	16
2.3	Cooperation EU - Japan	16
	First Meeting of European Interest Group for STI cooperation with Korea and Japan	16
3	Grants & Fellowships.....	18
3.1	European Union.....	18
3.1.1	Open calls under Horizon 2020	18
3.1.2	Marie Skłodowska-Curie Actions:	18
3.1.3	European Research Council grants	19
3.1.4	European University Institute programmes.....	19
3.1.5	Alain Bensoussan Fellowship Programme	20
3.1.6	National EURAXESS Portals.....	20
3.2	EU Member States and Associated Countries	21
3.2.1	Austria	21

EURAXESS Links Japan Newsletter is a monthly electronic newsletter, edited by EURAXESS Links Japan, which provides information of specific interest to European researchers in Japan and Japanese researchers who are interested in the European research landscape and conducting research in Europe or with European partners.

The information contained in this publication is intended for personal use only. It should not be taken in any way to reflect the views of the European Commission nor of the Delegation of the European Union to Japan.

Please email to: japan@euraxess.net for any comments on this newsletter, contributions you would like to make, if you think any other colleagues would be interested in receiving this newsletter, or if you wish to unsubscribe.

Editor: Matthieu PY

EURAXESS Links Japan

Country Representative



3.2.2	Belgium	22
3.2.3	Canon Foundation Europe Fellowships	23
3.2.4	Denmark.....	23
3.2.5	European Respiratory Society: Short-Term Fellowships	24
3.2.6	Estonia	24
3.2.7	Finland	25
3.2.8	France	26
3.2.9	Germany	28
3.2.10	Ireland	30
3.2.11	Lithuania.....	30
3.2.12	Luxembourg	31
3.2.13	Netherlands.....	31
3.2.14	Norway	32
3.2.15	Poland	33
3.2.16	Portugal	34
3.2.17	Slovakia.....	35
3.2.18	Spain	35
3.2.19	Sweden	36
3.2.20	Turkey	37
3.2.21	United Kingdom.....	38
3.3	Japan	40
3.3.1	JSPS Bilateral Programmes Call	40
3.3.2	JSPS Researcher Exchange Programme	41
3.3.3	JSPS New Core to Core Programme	41
3.3.4	JSPS Grants-in-Aid for Scientific Research „Kakenhi“	42
3.3.5	Invitation Fellowships Programmes for Research in Japan...	42
4	Jobs	43
4.1	EURAXESS Jobs.....	43
4.2	Jobs in Europe.....	43
4.2.1	INRA recruits 49 experienced researchers	43
4.2.2	CERN	43
4.2.3	CNRS Permanent Engineers.....	43



4.2.4	European Research Career Sites:	44
4.3	Jobs in Japan.....	44
4.3.1	JREC-IN	44
4.3.2	Careers at Japanese Research Institutes.....	44
4.3.3	Careers at Japanese Universities	46
4.3.4	Careers at Japanese WPIs	47
4.3.5	Postdoctoral position at the Tohoku University IMR	48
4.3.6	Visiting Research Scholar positions in Japanese Studies	48
4.3.7	Postdoctoral position in XMASS	49
4.3.8	Research positions at the ICYS (NIMS).....	49
5	Events.....	50
5.1	EURAXESS Links Japan Events.....	50
	EURAXESS Science Slam Japan 2014.....	50
5.2	Journée Francophone de la Recherche 2014	51
5.3	Sciencescope's RSFK	51
5.4	Japanese-German Symposium: "The Role of Universities in the Age of Globalization: Between Workforce Development and Personality Development"	52
5.5	The 5th Kobe University Brussels European Centre Symposium.....	52
5.6	Other events in Japan.....	53
5.7	Events in Europe	54



1 EU Insight - The Pan-European Pension Fund RESAVER

One of the main goals of the European Research Area (ERA) strived for by the European Union (EU) is the implementation of “[a]n open labour market for researchers” which encompasses “facilitating mobility, supporting training and ensuring attractive careers” [3]. The free circulation of researchers, scientific knowledge and technology as called for in the Lisbon Treaty and European Council Conclusions is the key “through which the Union and its Member States strengthen their scientific and technological bases, their competitiveness and their capacity to collectively address grand challenges“ [3].

However, being mobile often causes challenges to researchers, as for example amongst others, gaps can arise in their social security protection and the transfer of their pension rights when moving between different countries.



Initiatives to establish a pension scheme for mobile researchers

National efforts

One pilot initiative is the “Find you pension” portal which is part of the *Supplementary pension institution of public sector employees in Germany (VBL)* project 'Partnership for researchers'. The aim is to remove obstacles to the mobility of researchers employed in the public sector with regard to their pensions. The core issue is to improve information services for the target group of mobile scientists.

Furthermore, the European Commission (EC) is supporting a consortium of employers, through Horizon 2020, in creating a single European pension arrangement (RESAVER) that will offer a defined contribution plan, tailor made for research organisations and their employees.

RESAVER – Retirement Savings Vehicle for European Research Institutions

In the 2012 ERA Communication, the European Commission made a commitment to support employers in removing pension as an obstacle for researchers’ mobility by “supporting stakeholders in setting up a pan-European supplementary pension fund for researchers”. Therefore, the EC is backing up a consortium of employers, through Horizon 2020, in creating a single European pension arrangement (RESAVER) that will offer a defined contribution plan, tailor made for research organisations and their employees.

At the end of June 2014, the Commission published a detailed brochure [1] and website section [2] on the EURAXESS Rights webpage which can be accessed via: rights.euraxess.org. The website and brochure contain information on

- (1) what RESAVER is;
- (2) what RESAVER offers;
- (3) who should consider participating;



- (4) what the advantages and challenges are;
- (5) and what needs to be done to participate.

It also has a FAQ section.

Next steps

Currently, the European Commission's "call for tender" to find a contractor able to provide technical assistance and expertise in the creation of the cross-border 2nd pillar IORP and the complementary country-specific insurance arrangement is open. The four year framework contract is expected to be awarded during the autumn of 2014.

In September 2014 an ad hoc employer consortium will be registered as an international non-profit organisation in Belgium. The employer consortium will promote the concept and prepare the ground for the establishment of RESAVER in 2015.

The European Commission will organise a series of seminars to inform employers on the possibilities and benefits offered by RESAVER. The next seminars will be held in Vienna on 29 October 2014 and in Copenhagen on 4 December 2014.

Sources

- [1] European Commission brochure: "[RESAVER – Retirement Savings Vehicle For European Research Institutions](#)"
- [2] EURAXESS Rights' website: "[RESAVER – A Pan-European Pension Fund](#)"
- [3] European Commission website: [European Research Area – Open market for researchers - RESAVER](#)
- [4] European Commission: "[2012 ERA Communication](#)"



2 News & Developments

2.1 EU, Member States and Associated Countries

2.1.1 Have your say on the future of science

The European Commission has launched in July a **public consultation on 'Science 2.0'**, in order to **gauge the trend towards a more open, data-driven and people-focused way of doing research and innovation**. Researchers are using digital tools to get people participating in research. Scientists are being more open too: sharing their findings online at an early stage, comparing and debating their work to make it better. Increasingly, scientific publications are available online for free. By some estimates, **90 percent of all available data in the world has been generated in the past two years, and scientific data output is growing at a rate of 30 percent per year**.

The consultation will look at awareness of and participation in these trends, as well as get views on the opportunities created by 'Science 2.0' to strengthen the competitiveness of European science and research. The **deadline for responses is 30 September 2014**.

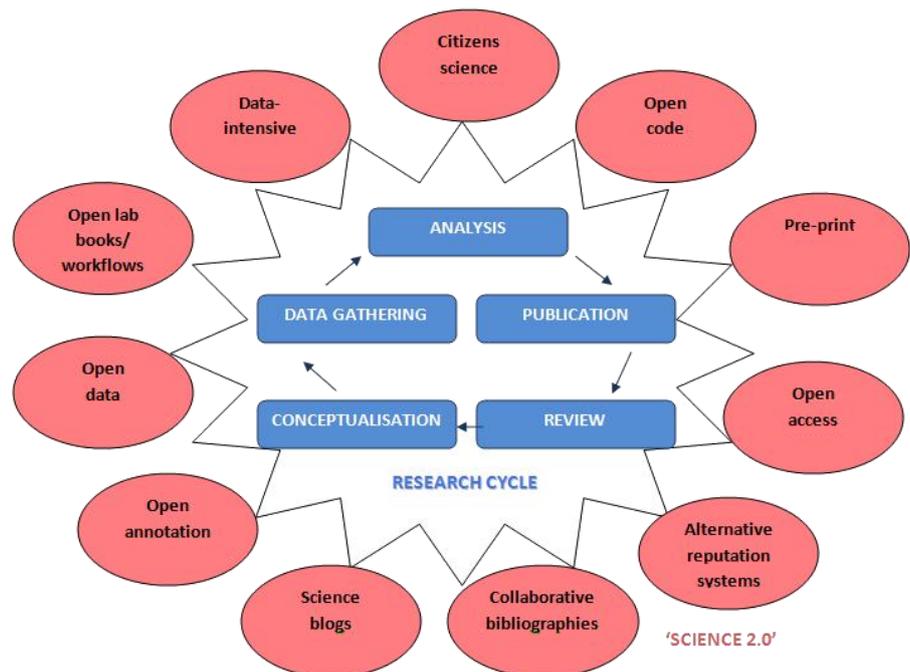


Figure: On-going changes impacting the entire research cycle, from inception to evaluation and publication

European Research, Innovation and Science Commissioner Máire Geoghegan-Quinn said: "**Science 2.0 is revolutionising the way we do science** – from analysing and sharing data and publications to cooperating across the globe. It is also allowing citizens to join in the search for new knowledge. The whole scientific process is becoming more transparent and efficient, but this also poses questions about integrity and quality – so **we want to hear people's views on how we can guarantee that Science 2.0 develops in a way that is positive for Europe**."

Neelie Kroes, Commission Vice-President responsible for the Digital Agenda, said: "Now digital technology and tools offer the chance for a new



*transformation: improving research and innovation and making them more relevant for citizens and society. **We are moving towards open, digital science – a trend that is gradual but unstoppable. That trend, and the desire to embrace it, comes, not from politicians, but from the scientific and academic communities themselves. And I am determined to support it.***

The **European Commission has already integrated some aspects of 'Science 2.0' into its policy.** In particular, **open access to scientific publications is mandatory for research under Horizon 2020**, the new EU research and innovation programme. A Pilot on Open Research Data has also been launched. Through its research programmes, the EU also funds a number of citizen science projects and supports some of the e-infrastructure that makes Science 2.0 possible.

The **consultation can be found at the European Commission website:** Your voice in Europe (<http://ec.europa.eu/research/science-2.0>). You can follow the debate on social media as well, with hashtag #Science20.

Source: [European Commission](#)

2.1.2 Launch of the European S&T network on unconventional hydrocarbon extraction

To deepen the knowledge on extraction technologies and practices of unconventional gas and oil and minimise potential health and environment risks, **the European Commission has launched on July 8 the European science and technology network on unconventional hydrocarbon extraction.** The **network will be established and managed by the JRC**, on the basis of the guidance provided by the Steering group composed of the Directorates-General (DGs) for energy and for environment, as well as for climate action, for research & innovation and for enterprise and industry. The DGs for environment and energy will co-chair the Steering group.

The network aims to bring together practitioners from industry, research, academia and civil society, so as to ensure a fair and balanced exchange of ideas. It will collect, analyse and review results from exploration projects and assess the development of technologies used to extract unconventional gas and oil. Today's launch event has presented the objectives, working modalities and expected results of the network and has provided the opportunity for first interaction with interested stakeholders.

The newly established network will structure the dialogue among the stakeholders, fostering open information and knowledge sharing. Research activities and results will be presented and discussed and gaps in R&D needs will be identified. It will examine knowledge gained from exploration and demonstration projects and identify and assess emerging technologies including their economic, environment and climate impacts.

Source: [JRC](#)



2.1.3 EU-industry partnerships seek innovation boost

Research partnerships between the EU, the private sector and Member States presented on July 9 their first calls for projects and partners under Horizon 2020, the EU's €80 billion research and innovation programme. Worth a total of €1.13 billion in public funding, which will be complemented by a comparable amount from the private partners, the first round of funding will go into projects that will improve people's lives as well as boost international competitiveness of Europe's industry. Topics include new treatments for diabetes and eye disease and a roll out of dozens of hydrogen-powered road vehicles and refuelling stations (see [MEMO/14/468](#)).

José Manuel Barroso, President of the European Commission, said: *"Only if the best brains from academia, industry, SMEs, research institutes and other organisations come together can we successfully tackle the huge challenges that we are facing. This is what public-private partnerships are about, the joining of forces to make the lives of Europeans better, create jobs and boost our competitiveness. We are committed to prioritising the impact of the European budget on the recovery, and these partnerships are doing just that, with first calls for proposals for € 1.1 billion to be matched by industry, within a package representing an overall €22 billion boost to growth and jobs creation over seven years. They will continue delivering results that no single country, company or even the European Union as such would achieve alone."*

The launch of first calls comes almost exactly one year after the European Commission put forward the Innovation Investment Package, a set of proposals to establish seven public-private and four public-public partnerships (see [IP/13/668](#)). They will work in **several key areas such as medicine, transport, electronics and bioeconomy, and are worth over €22 billion in total.**

Source: [European Commission](#)

2.1.4 Two Fields Medals 2014 awarded to ERC laureates

The 2014 Fields Medals were awarded on August 19 to four outstanding mathematicians, of whom two are grantees of the European Research Council (ERC): **Prof. Artur Avila** (Brazil-France), an ERC Starting grant holder since 2010, and **Prof. Martin Hairer** (Austria) has been selected for funding under an ERC Consolidator grant in 2013. They received the prize respectively for their work on dynamical systems and probability, and on stochastic analysis. The other two laureates are Prof. Manjul Barghava (Canada-US) and Prof. Maryam Mirzakhani (Iran).

On the occasion of the announcement, **ERC President Prof. Jean-Pierre Bourguignon, a mathematician himself**, said: *"On behalf of the ERC Scientific Council, I would like to congratulate warmly all four Fields Medallists for their outstanding contributions to the field of mathematics. My special congratulations go to Artur Avila and Martin Hairer, who are both brilliant scientists supported by the ERC. We are happy to see that their remarkable talent in the endless frontiers of science has been recognised. The Fields*



Medals awarded today are also a sign that the ERC continues to identify and fund the most promising researchers across Europe; this is true not only in mathematics but in all scientific disciplines.”

EU Commissioner for Research, Innovation and Science, Máire Geoghegan-Quinn, said: *“I would like to congratulate the four laureates of the Fields Medal announced today. The Fields Medal, the highest international distinction for young mathematicians, is a well-deserved honour for hardworking and creative young researchers who push the boundaries of knowledge. Today’s award recognises the achievements of two Europe-based mathematicians – Artur Avila and Martin Hairer – who are supported by the European Research Council. This is one more sign that the ERC, which supports excellent science through competitive funding under Horizon 2020, has become a reference in the EU’s quest for high-quality research and innovation.”*

Source: [ERC](#)

2.1.5 Towards an Energy Union

Technology will have an important role to play in helping to secure EU energy independence. According to Dominique Ristori, Directorate General for Energy, technologies are now maturing for a real energy revolution however we still need to bridge the gap between research and industry. **The Directorate General elaborated on this point within the context of EU efforts to transform into an 'Energy Union'.**

In an effort to address the problem, **the European Commission published a European Energy Security Strategy in late May.** Developing energy technologies is one of the medium/long term goals in the strategy. The document specifies the Commission's intention to 'mainstream energy security in the implementation of the priorities of the Horizon 2020 programme'. Other research-related aspects include launching a European science and technology network on unconventional hydrocarbon extraction and promoting the development of renewable energy technologies in multilateral and bilateral negotiations.

Directorate General Ristori noted that **at least €6 billion within the Horizon 2020 pot is dedicated to energy.** However while EU programmes like Horizon 2020 would be important to helping us implement the strategy, according to Ristori, the majority of finance should come from the private sector: 'The return on investment for energy projects is good - better in comparison to other sectors such as transport. The private sector should be the dominant source of financing.'

When it comes to transforming into an 'Energy Union', the Directorate General insisted that the technology is mature enough to move forward. He noted, however, there is a gap between the research and industry that needs to be bridged.



According to Ristori, in the next three to four years, conditions will be met to produce an energy box that gives full command of energy consumption to each individual. He noted, 'Technologies are mature enough. There is no obstacle to going rapidly into that phase and to produce 3-4 million 'smart homes' over the next years'. Ristori concluded however that this would require that we improve the capacity of our industry to produce products and we build a bridge between the research and industrial sectors.

Source: [European Commission](#)

2.1.6 Preannouncement: joint German-French-Japanese call for projects on exascale computing

The French National Research Agency ([ANR](#)) plans to issue a call for international collaborative projects, in conjunction with the German Research Foundation ([DFG](#)) and the Japanese Science and Technology Agency ([JST](#)). The initiative, known as **Software for Exascale Computing, or SPPEXA-2**, will support research in the interest of meeting the challenges entailed by the emergence of computing and data processing capacities on an unprecedented scale.

Scientists seek to gain an understanding of natural disasters such as tsunamis, and analyze massive amounts of data in record time, through the use of ever more powerful supercomputers, which are designed to achieve the highest possible performance. The petaflop barrier (i.e. a million billion operations per second) was broken in the US in 2008, and since then scientists have been seeking to move to the next stage, namely exascale computing. Overcoming the obstacles to the emergence of exascale data processing and computing capacities is crucial in order to take full advantage of these new resources.



Exascale computing: a billion billion operations per second

SPEXXA is a brand new international initiative that is an outgrowth of a DFG programme launched in 2013. Opening up the initiative to international



participants comes on the heels of the success of the German initiative, as well as other global initiatives such as the pilot G8-HORCs programme in 2010-2011 on environmental applications of exascale computing, and the European Exascale Software Initiative (EESI).

The **SPPEXA-2 call for proposals will finance bilateral or trilateral collaborative projects of three years' duration**, with the goal of enabling German, French and Japanese teams to work together. The DFG will act as the lead agency for SPPEXA-2, i.e. it will be in charge of the reception and evaluation process. Funding decisions will be made jointly and each agency will finance its own country's teams.

For this particular call, the ANR will solely be financing the French teams that are involved in three-year trilateral projects.

The **call should be open from 15 September 2014 to 31 January 2015**, and the projects that are ultimately selected are slated to get underway in January 2016.

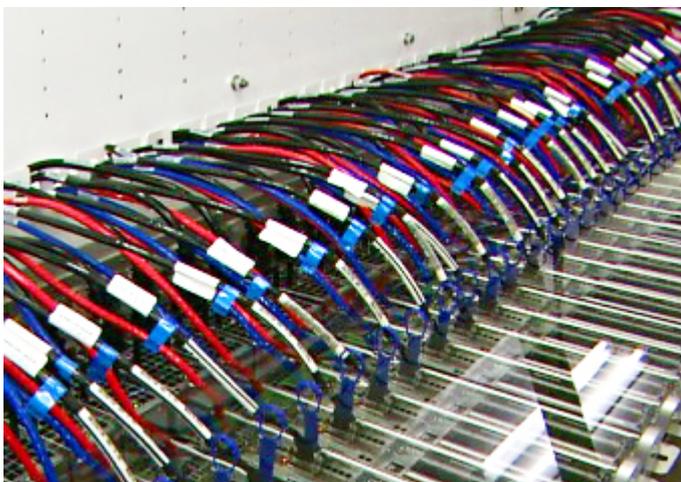
Source: [ANR](#)

2.2 Japan

2.2.1 TSUBAME-KFC supercomputer No.1 in green computing

Tokyo Tech's TSUBAME-KFC supercomputer, which employs oil-immersion cooling as well as other advanced power-saving features, was **ranked No.1 in the world in the June 2014 edition of the energy-efficiency supercomputer ranking [Green500 List](#)**, successfully retaining the top position for two consecutive editions.

The TSUBAME-KFC supercomputer was developed by the **Global Scientific Information and Computing Center (GSIC)**, Tokyo Institute of Technology, as a prototype for its next-generation TSUBAME 3.0 supercomputer, and commenced operation in October 2013. The project is being conducted in collaboration with world-renowned domestic and overseas supercomputing vendors such as NEC and NVIDIA. In November 2013, TSUBAME-KFC was recognized as the world's most energy-efficient supercomputer on the Green500 List, which ranks the world's top supercomputers according to their energy efficiency in computing.



TSUBAME-KFT at Tokyo
Institute of Technology

On June 30 it was announced that **TSUBAME-KFC** had once again become No.1 in the world according to the June 2014 release of the Green500, having **achieved 4,389.82 MFLOPS per watt**. Being No.1 for two consecutive editions demonstrates the project's technological leadership for future supercomputers, whose performance will be predominantly limited by electrical power



requirements as we strive towards a low-carbon society. TSUBAME-KFC was also ranked sixth in the Big Data category of the Green Graph 500 List, which was started last year to rank the power efficiency of supercomputers in big data processing.

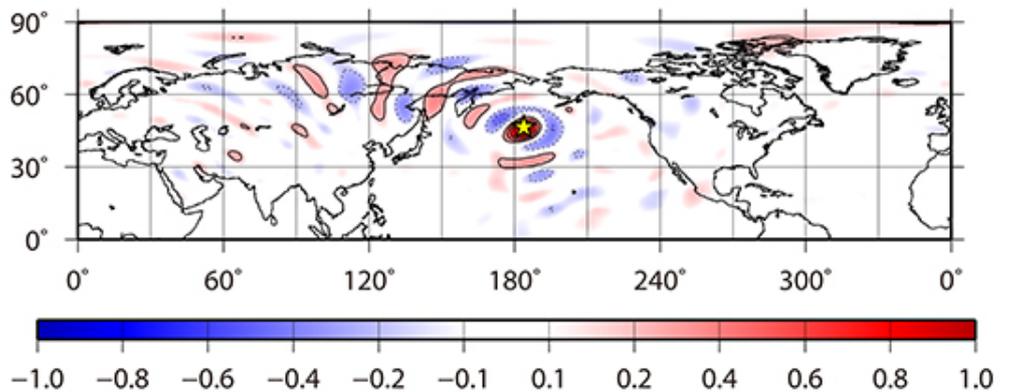
The TSUBAME-KFC system is composed of forty compute nodes interconnected by an FDR InfiniBand network. The system's overall theoretical peak performance is 217 TeraFlops in double-precision floating point arithmetic, and also achieves over 630 TeraFlops in single precision, or more than half a PetaFlop per rack.

The results achieved today are the fruition of a series of research projects conducted by Tokyo Tech's GSIC.

Source: [TiTech](#)

2.2.2 K computer runs largest ever ensemble simulation of global weather

Ensemble forecasting is a key part of weather forecasting today. Computers typically run multiple simulations, called ensembles, using slightly different initial conditions or assumptions, and then analyze them together to try to improve forecasts. Now, in research published in *Geophysical Research Letters*, using Japan's flagship 10-petaFLOPS K computer, researchers from the RIKEN Advanced Institute for Computational Science (AICS) have succeeded in running 10,240 parallel simulations of global weather, the



Humidity correlation pattern on day 18 of ensemble data assimilation using a 10,240 member ensemble

largest number ever performed, using data assimilation to reduce the range of uncertainties.

Three research projects funded by the Japan Science and Technology Agency (JST) [CREST](#) programs contributed to this achievement.

The assimilation of the 10,240 ensemble data sets was made possible by a cross-disciplinary collaboration of data assimilation experts and eigenvale solver scientists at RIKEN AICS. By analyzing the 10,240 equally probable estimates of atmospheric states, the team discovered that faraway observations, even going beyond 10,000 kilometers in distance, may have an immediate impact on eventual state of the estimation. This finding **suggests the need for further research on advanced methods that can make better use of**



faraway observations, as this could potentially lead to an improvement of weather forecasts.

Source: [RIKEN](#)

2.2.3 Japanese universities rankings in ARWU 2014 edition

The **2014 Academic Ranking of World Universities (ARWU)** was released on August 15 by the Center for World-Class Universities at Shanghai Jiao Tong University. Starting from 2003, ARWU has been presenting the world Top 500 universities annually.

While sometimes controversial, particularly for its methodology, this ranking is still one of the most used tools to measure universities' global competitiveness, along with others such as the [QS](#) and [THE](#) ones. ARWU adopts six objective indicators to rank world universities, including the number of alumni and staff winning Nobel Prizes and Fields Medals, the number of Highly Cited Researchers, the number of articles published in journals of Nature and Science, the number of articles indexed in Science Citation Index, and per capita performance.

As usual **American universities monopolise most of the top-twenty ranks**, with **Harvard University having remained the number one for more than 10 years**.

Meanwhile, University of **Cambridge** (UK, 5th), **Oxford** (UK, 9th), **ETH Zurich** (Switzerland, 19th), **University College London** (UK, 20th), The **Imperial College** of Science, Technology and Medicine (UK, 22th), **Pierre and Marie Curie** University (France, 35th), University of **Copenhagen** (Denmark, 39th), University of **Paris Sud** (France, 42th), the **Karolinska Institute** (Sweden, 47th) and **Heidelberg University** (Germany, 49th) **are the 10 highest ranked in Europe**.



As usual also, **University of Tokyo** (21st), **Kyoto University** (26th) and **Osaka University** (78th) represent the **Japanese top three and outrank every other institutions in Asia**, although Chinese (Peking University), Taiwanese (National Taiwan University) and Singapore (NUS) institutions are making significant progress towards world top 100.

The **Japanese top ten sees no change compared to the last edition**, with **Hokkaido University**, **Nagoya University**, **Tohoku University** (all three in world rank 101-150), **Kyushu University** and **Tokyo Institute of Technology**



(world rank 151-200), **Kobe University** and **University of Tsukuba** (world rank 201-300) following the top three listed above.



The top three universities also have not seen any significant evolution in their global rank for at least five years, while lower rank universities and Japan in general recently tend to lose places to Asian and European institutions which tune-up their systems in order to boost competitiveness (Japan still had 5 universities in the top 100 institutions in 2011 and 4 in 2012).

Strictly referring to the criteria of research output (i.e. in this ranking papers published in Nature and Science and papers indexed in the Science Citation Index-expanded and Social Science Citation Index) the **Japanese top three are performing extremely well**, but the other indicators, particularly Alumni and Staff Award records (with the exception of Kyoto University) lower their global rank.

Source: [ARWU](#)



Professor Juichi Yamagiwa

2.2.4 Professor Yamagiwa has been announced as the next Kyoto University President

Professor Juichi Yamagiwa, 62 years old and former Dean of the Graduate School of Science and the Faculty of Science of Kyoto University, has been selected by means of a President Selection Committee meeting held on July 4, 2014 to be **Kyoto University's next president**.

The term of his presidency is six years, beginning on 1 October 2014.

Source: [Kyoto University](#)

2.3 Cooperation EU - Japan

First Meeting of European Interest Group for STI cooperation with Korea and Japan

The **first European Interest Group Meetings for STI cooperation with the Republic of Korea and Japan took place on 17 June 2014 in Brussels** and were organized by the respective BILAT projects KONNECT (Korea) and [JEUPISTE](#) (Japan). Ten European Funding Organizations, the National Research Foundation of Korea (NRF) as well as the Japan Science and Technology Agency (JST) took part in this joint meeting. The meeting was also



attended by the chair of SFIC, Mr. Dan Andrée and by representatives of the European Commission.

FP6 and FP7 INCO-projects, such as BILATs or ERA-Nets, have had a high impact on the coherence and coordination of European collaboration and joint funding activities with various Asian partner countries. Several years of experience in multilateral calls through ERA-Nets have not only shown a high relevance of the schemes but also the need for continuation.

More information on the
European Interest Group
Meeting Japan:
Dr. Sabine Puch
PT-DLR, Bonn, Germany
Sabine.Puch@dlr.de
+49-228-3821-1423

The European Interest Group Meetings are organized to provide an opportunity for European Member States to coordinate and synchronize efforts aiming at the development of sustainable, multilateral research collaboration with Asian/Oceanian countries without EC funding. As such, they will be a forum for STI stakeholders from both European MS/AS and Asian partner countries.

The aim of this first meeting was to start a discussion process on how to continue with collaborative funding initiatives without the backbone of the horizontal ERA-Nets and connecting more agencies with Japan and Korea. The participating funding agencies discussed the **importance of coordinated cooperation activities between Member States towards Korea and Japan, for example joint funding schemes.** KONNECT and JEUISTE were mandated by the participants to work out a framework for future European Interest Group Meetings.



3 Grants & Fellowships

3.1 European Union

3.1.1 Open calls under Horizon 2020

Access all **51 open calls** on the [Horizon 2020 Participant Portal](#).

Note that they are allocated to the three pillars of Horizon 2020:

- Excellent Science programme
- Industrial Leadership
- Societal Challenges

3.1.2 Marie Skłodowska-Curie Actions:

As of January 2014, with the move to Horizon 2020, the **Marie Curie Actions are now called the Marie Skłodowska-Curie actions (MSCA)**.

MSCA support research training and career development focused on innovation skills. The programme funds worldwide and cross-sector mobility that implements excellent research in any field (a "bottom-up" approach).

3.1.2.1 Individual Fellowships

The Individual Fellowships support the international mobility of researchers within and beyond Europe. These fellowships are **open to researchers of all nationalities** who, at the time of the relevant deadline for submission of proposals, are in possession of a doctoral degree or have at least four years of full-time equivalent research experience.

Research fields are chosen freely by the applicants. **All domains of research** and technological development are relevant.

Duration is up to 2 years (European Fellowship) or 3 years (Global Fellowship).

Deadline: 11 September 2014

Further information: [Participant Portal](#)

3.1.2.2 Pocket guide and Flyer

A new flyer called " Marie Skłodowska-Curie actions in brief: your next career move!" has been released, providing a general overview of the MSCA 2014-2020. Arabic, Chinese, Japanese, and Russian language versions will be made available shortly.

A new pocket guide entitled "Your passport to a successful research career" has also been published, giving in-depth information on MSCA funding opportunities for researchers from all over the world.

Are you considering a doctoral degree? Looking for partnerships between academic and non-academic organisations or staff exchanges? Keen on outreach activities? MSCA fund all kind of opportunities for researchers from



Horizon 2020: Become an independent expert for the biggest EU research programme so far!

The European Commission has launched a [call for independent experts](#). Experts are needed to evaluate proposals for EU funding and for other activities such as monitoring, programme evaluation and policy development. Interested candidates are invited to file their application online as soon as possible in order to participate to the project proposal evaluations.



Guide front cover



Europe and beyond. This starter booklet gives you the needed information to make the right first choice.

Guide and flyer available [here](#) and [here](#).

3.1.2.3 Web-streamed video training session

The European Commission (DG EAC, Marie Skłodowska-Curie Unit) organised a **web-streamed training** on 10 June 2014, in collaboration with the Research Executive Agency (REA).

The training **focused on the two 2014 calls IF (Individual Fellowships) and Cofund**.

The three hour long video and all slides are **available on-demand** [here](#).

3.1.3 European Research Council grants

European Research Council ([ERC](#))'s mission is to encourage the highest quality research in Europe through competitive funding and to support investigator-driven frontier research across all fields, on the basis of scientific excellence.

Being 'bottom-up', in nature, the **ERC approach allows researchers to identify new opportunities and directions** in any field of research, rather than being led by priorities set by politicians. It is a **highly competitive funding scheme** (10% of success rate on average for Starting and Consolidator grants, 14% for Advanced grants).

Researchers from anywhere in the world can apply for a European Research Council (ERC) grant to go to Europe and conduct research (for at least 50% of their working time). Currently over 300 ERC grantees out of nearly 4,000 are non-Europeans. Research teams set up by ERC grantees are highly international – an estimated 20% of team members are non-Europeans.

Open Calls:

[Proof of Concept](#) (deadline 1 October 2014)

[Advanced Grant](#) (deadline 21 October 2014)

3.1.4 European University Institute programmes

3.1.4.1 Max Weber Postdoctoral Fellowships

The **Max Weber Programme is the largest international postdoctoral programme in the Social Sciences and Humanities in Europe**. It offers around 50-55 fully funded Fellowships to qualified researchers from anywhere in the world.

The Programme is **open to applicants who are within 5 years of the completion of their PhD**. The language of the programme is English and therefore applicants' expected level of English proficiency is level C1 of the Common European Framework of Reference (CEFR). Only native English



European Research Council
Established by the European Commission





speakers and candidates who have written their doctorate in English are exempted of the requirement to provide a relevant certificate .

The majority of Max Weber Fellowships are for one year.

Deadline: 25 October 2014

Further information [here](#)

3.1.4.2 Jean Monnet Postdoctoral Fellowships

The Robert Schuman Centre for Advanced Studies ([RSCAS](#)) offers **one-year Jean Monnet Fellowships** (renewable for one more year) to scholars who have **obtained their doctorate more than 5 years prior to the start** of the fellowship. The Fellowship programme is open to post-docs, tenure track academics of all nationalities. The Centre offers up to 20 Fellowships a year.

The research proposal should fit well with one of the Centre's main research themes:

- Integration, Governance and Democracy
- Markets and Governing Money
- 21st Century World Politics and Europe

Deadline: 25 October 2014

Further information [here](#)

3.1.5 Alain Bensoussan Fellowship Programme

The European Research Consortium for Informatics and Mathematics ([ERCIM](#)) offers fellowships for PhD holders from all over the world who have completed their PhD no longer than **8 years prior to the application deadline**.. Fellowship duration is 12 months, the applicant must be hosted by one of the leading European Research Institutes part of the [ERCIM network](#). Topics cover [most disciplines](#) in **Computer Science, Information Technology and Applied Mathematics**.

Deadline: 30 September 2014

Further information [here](#)

3.1.6 National EURAXESS Portals

The **latest information on open calls for national grants and fellowships** in the 40 member countries of the EURAXESS network can be accessed on the respective **national EURAXESS portals**:

[Austria](#), [Belgium](#), [Bosnia-Herzegovina](#), [Bulgaria](#), [Croatia](#), [Cyprus](#), [Czech Republic](#), [Denmark](#), [Estonia](#), [Faroe Islands](#), [Finland](#), [France](#), [Macedonia](#), [Germany](#), [Greece](#), [Hungary](#), [Iceland](#), [Ireland](#), [Israel](#), [Italy](#), [Latvia](#), [Lithuania](#), [Luxembourg](#), [Malta](#), [Moldova](#), [Montenegro](#), [Netherlands](#), [Norway](#), [Poland](#), [Portugal](#), [Romania](#), [Serbia](#), [Slovakia](#), [Slovenia](#), [Sp](#)

Besides providing information on funding opportunities for incoming international and European researchers, staff at the [EURAXESS Service Centres](#) offer individual assistance on all aspects of researcher mobility.



[ain](#), [Sweden](#), [Switzerland](#), [Turkey](#), [UK](#).

3.2 EU Member States and Associated Countries

3.2.1 Austria

3.2.1.1 *Lise Meitner Programme for Scientists from Abroad*

This programme targets **highly qualified scientists of any discipline** who could contribute to the scientific development of an Austrian research institution by working at it. It funds **12 or 24 months postdocs** with an annual personal allowance between € 62,500 and € 68,700.

Requirements: completed doctoral studies, record of international scientific publications, invitation from an Austrian research institution and co-application with an Austrian researcher. No age limit.

Applications continuously reviewed.

Further information [here](#).

3.2.1.2 *ISTFELLOW Postdoctoral Fellowships*

ISTFELLOW is a programme **open to qualified applicants from all over the world** who are interested in spending the postdoctoral stage of their scientific research career **at the Institute of Science and Technology Austria (IST Austria)**. Core research areas are **physics, chemistry, and mathematics**, but this programme gives preference to scientists who have a strong interest in cross-disciplinary approaches.

ISTFELLOW programme funds approximately **40 fellows per year for a two years stay**, which may be extended under favourable conditions.

Deadline: March 15, September 15 (two calls a year)

Further information [here](#)

3.2.1.3 *Austrian Science Fund FWF*

The Austrian Science Fund ([FWF](#)) is Austria's central funding organization for basic research. The purpose of the FWF is to support the ongoing development of Austrian science and basic research at a high international level.

FWF has a cooperation agreement with the Japanese Society for Promotion of Science, JSPS, designed to enable the **joint funding of bilateral research projects** for which funding must be secured both in Austria and in Japan. The agreements focus on enabling joint transnational research work in a bottom-up approach, therefore calls are as broadly defined as possible to open the door to various subjects.

Further information [here](#)

3.2.1.4 *Marietta Blau Grant for PhD students*

The Marietta Blau Grant offers **financial support for carrying out the abroad part of a doctoral programme at Austrian universities** (6-12 months): it



ISTFELLOW is partially funded by the European Union under the Marie Curie Co-funding of Regional, National and International Programmes ([COFUND](#)).



enables scientific research worldwide in any field of study. It is intended as a financial support tool for early stage researchers.

There is no age limit but the programme is exclusively intended for people who do not get any public funds for their doctoral studies apart from the Austrian study grant. English proficiency test required.

Deadline: February 1, September 1

Further information: [Scholarship Portal](#)

3.2.2 Belgium

3.2.2.1 FWO International Mobility

The Research Foundation Flanders ([FWO](#)) encourages mobility among researchers and international contacts between research groups. For this purpose, **FWO offers different possibilities to researchers to go abroad (outgoing) and to build international networks, or to relocate (incoming) through a dedicated Marie Curie scheme.**

In particular, **FWO has signed a collaboration agreement with the JSPS under which JSPS offers each year two postdoctoral fellowships** for foreign researchers wishing to carry out scientific research at a Japanese institute recognised by JSPS.

Further information [here](#) or [here for the JSPS postdoctoral fellowship](#)

Under the same agreement **FWO and JSPS provide funding to a maximum of 2 collaborative research projects per year** (project duration: 2 years). The funding covers travel expenses between Flanders and Japan; accommodation, living expenses and domestic travel in both countries; and part of the research costs. The applicant must hold a PhD degree and be affiliated to a university in the Flemish Community or belong to the scientific staff of the Dutch-speaking community of a scientific institute.

Deadline: 10 September 2014

Further information [here](#)

3.2.2.2 InBev-Baillet Latour Health Prize 2015

This **personal award is granted every year for outstanding achievements in biomedical research** for the benefit of human health. It was established to recognize scientific merit and to encourage the laureate in the pursuit of his/her creative research, and is therefore intended for currently active biomedical scientists. Exceptionally, the Prize may be shared by two people who have collaborated closely over a long period. The current value of the Prize is €250,000. The **theme for 2015 is "Metabolic Disorders"**. The Prize is **open to scientists of any nationality** who have not previously received an equivalent or higher prize for their personal use. Candidates may not apply themselves, but must be nominated.

Nomination deadline: 30 September 2014





Further information [here](#)

3.2.2.3 BEWARE Fellowships

To **promote the mobility of foreign researchers towards Belgium** (the only condition being to have spent less than 12 months over the last three years in Belgium), two funding schemes have been launched under the BEWARE FELLOWSHIPS (BElgium WALLonia REsearch) programmes.

The first scheme is **BEWARE FELLOWSHIPS Industry**. This incoming fellowship programme will grant 57 mandates over 5 years, in order to enable SMEs or accredited research centres to benefit from the expertise of highly qualified foreign researchers (or Belgian expatriates).

The second one is **BEWARE FELLOWSHIPS Academia**. This program focuses on technology transfer. It also runs over five years and will fund a total of 80 mandates for foreign researchers to perform a research stay in a French-speaking university, in partnership with a Walloon company. Over the period covered by the mandate (18-36 months), six months must be spent in the company.

Deadline for both calls: 15 October 2014

Further information [here](#) (Industry) and [here](#) (Academia).

3.2.3 Canon Foundation Europe Fellowships

Annually, the **Canon Foundation in Europe grants up to 15 Fellowships to highly qualified European and Japanese researchers**. The candidates must hold a doctorate or at least a Master's degree. Canon Fellows from Europe are free to choose their host institutes and hosts in Japan. The same freedom is given to Japanese Canon Fellows coming to Europe.

Deadline: 15 September

Further Information: [Canon Foundation](#)

3.2.4 Denmark

3.2.4.1 Industrial PhD Programme

The **Industrial PhD programme is funded by the Danish Agency for Science, Technology and Innovation (DASTI)**. An Industrial PhD project is a **three-year industrially focused PhD project where the student is hired by a company and enrolled at a university at the same time**. The company receives a monthly wage subsidy while the university has its expenses for supervising covered. The PhD student works full time on the project and divides his/her time equally between the company and the university.

Deadline: 13 October 2014

Further information [here](#)



The BEWARE Fellowships are co-financed by the European Union under the Marie Curie Co-funding of Regional, National and International Programmes ([COFUND](#)).





3.2.4.2 DFF Call for Proposals Autumn 2014 and Spring 2015

The **Danish Council for Independent Research (DFF)** funds **specific research activities**, within all scientific areas that are based on the researchers' own initiatives and that improve the quality and internationalisation of Danish research.

Two annual deadlines: late April and late October

Further information [here](#) and [here](#)

3.2.4.3 International Network Programme

With a view to boosting mutually **beneficial collaboration on science and innovation between researchers from Denmark** and researchers from China, India, Israel, **Japan**, USA, Brazil and the Republic of Korea, the Danish Ministry of Science, Innovation and Higher Education launches the **sixth call of its “International Network Programme”** and welcomes applications for the following activities:

- **Scientific workshops and conferences** with participation of researchers, scientists, research experts and PhD-students from Denmark and from one or more of the selected countries.
- **Travel between Denmark and the selected countries** in order to identify potential for new collaborative projects and partnerships.

Deadline: 1 September 2014

Further information [here](#)

3.2.5 European Respiratory Society: Short-Term Fellowships

The European Respiratory Society ([ERS](#)) provides **Short-Term Research Training Fellowships** to allow young scientists and clinicians in the **early stages of their research career in respiratory medicine to visit a Host Unit in a European country. Short-term stays of 1-3 months** are supported.

Deadline: 1 October 2014

Further information [here](#)

3.2.6 Estonia

3.2.6.1 Government Scholarships

The **Estonian Government offers a number of scholarships intended for university students, researchers or lecturers** for studying and doing research at Estonian public universities and institutions. Most scholarships are for master's degree and doctoral degree, but some bachelor degree scholarships are also possible. Most universities in Estonia propose scholarships for international degree programmes which might be combined with other international scholarships.





Further information [here](#) and [here](#)

3.2.6.2 *Estophilus Scholarship*

The Estonian Institute offers scholarships to holders of a doctoral degree or Master's or Doctoral students who are citizens of a foreign state and are studying at a university abroad, to **write a research paper on an Estonia-related topic or to gather material for it**. The scholarship is designated to cover subsistence expenses, tuition fees and costs directly connected with the research; it may be granted for a period ranging from five to ten months. The scholarship for a five-month period is €2500.

Knowledge of Estonian is an advantage but not a requirement.

Two annual deadlines: 1 March, 1 October

Further information [here](#)

3.2.7 Finland

3.2.7.1 *CIMO Fellowships*

The CIMO Fellowships programme is **open to young Doctoral level students and researchers from all countries and from all academic fields**. Master level studies or post-doctoral studies/research are not supported in the programme. The primary target group in the CIMO Fellowship programme are **doctoral level students** who will be doing their doctorate (or double doctorate) **at a Finnish university**.

There are **no annual application deadlines** in the CIMO Fellowship programme. However, please note that applications should be submitted at least 5 months before the intended scholarship period. The **scholarship period may vary from 3 to 12 months** with a monthly allowance of €900-1200 to cover living expenses in Finland.

Applications are accepted on a rolling basis.

Further information [here](#)

3.2.7.2 *Japan – Finnish cooperation agreements on mobility*

The Academy of Finland (AF) has agreements on funding cooperation with two Japanese research funding organisations: the JSPS and Japan Science and Technology Agency (JST). **Cooperation with the JSPS covers all scientific fields**. The cooperation is designed to **support joint projects in addition to researcher mobility and seminars**.

AF-JSPS fund **researchers holding a PhD degree for a 12 to 24 months period of research at a Japanese university or institute**.

Deadline (Finnish side): 24 September 2014

Further information [here](#), [here](#) and [here](#)






3.2.7.3 *AF-Tekes-JST Joint Project: Information Systems for Accessibility and Support of Older People*

The Academy of Finland, JST and Tekes has opened a **call for joint projects** with a view to promoting **Finnish-Japanese research collaboration** in analysing and solving the issues and challenges of information systems for **accessibility and support of older people**. Researchers are free to choose their research approach. The joint research plan must be carried out by research teams from both countries. **Three 3-year projects may be funded** to a maximum of € 125 000 per year.

Deadline: 7 October 2014

Further information [here](#) and [here](#) (search for “Information Systems for Accessibility and Support of Older People” in text)

3.2.8 France

3.2.8.1 *Roux, Howard, Cantarini Post-doctoral Fellowships*

These **post-doctoral fellowships are awarded for durations up to two years** and intended to fund a first or a second post-doctoral internship **for scientists wishing to extend their training** and contribute their expertise to research at [Institut Pasteur](#) (Paris). Candidates must have **defended their PhD thesis less than 4 years before they take up their fellowship**. These contracts cannot fund the first post-doctoral internship of a former Institut Pasteur PhD student.

Two annual deadlines: 21 March, 19 September

Further information [here](#)

3.2.8.2 *Ifremer call for the 2014-2015 post-doctoral grants*

Ifremer offers **post-doctoral positions to young French or foreign scientists who have completed their PhD** and are motivated by development and innovation in various fields of **Marine Sciences** : technology and ecotechnology, aquaculture, fisheries, environment, risks analysis, physics of oceans, etc. Postdoctoral positions are contracted for a **duration of 12 months, possibly renewable for 6 months**. Candidates who already performed post-doctoral research at Ifremer are excluded. Consult the list of available subjects [here](#).

Deadline: 8 September 2014

Further information [here](#)





3.2.8.3 Fernand Braudel-IFER Incoming and Outgoing Fellowships



This programme is supported by the European Union under the Marie Curie Co-funding of Regional, National and International Programmes ([COFUND](#)).



The **Foundation Maison des Sciences de l'Homme (FMSH)** and its partners offer **postdoctoral fellowships to researchers in the social and human sciences for periods of nine months** as part of its "Fernand Braudel-IFER" (International Fellowships for Experienced Researchers) programme.

The Incoming Fellowship programme is **open to applicants from all countries**, belonging to a foreign research centre, who **wish to undertake a research residency in France**. These post-doctoral research stays are designed to enable researchers to carry out a research project in a host laboratory in France. Applicant's projects should match the areas of research of these institutions.

The **Outgoing Fellowship programme is open to applicants residing in France**, belonging to a French research centre, who wish to undertake a research residency in another European country.

In both cases **all social and human sciences are eligible**. An interdisciplinary approach to research topics is encouraged.

Note that **this is the last call of this programme**.

Deadline: 30 September 2014

Further information [here](#) (Incoming) and [here](#) (Outgoing)

3.2.8.4 PhD students mobility support for short term stays at or from Université de Lyon

The **Avenir Lyon Saint-Étienne Programme (PALSE)** supports the **international mobility of PhD students in "Sustainable Development Science and Engineering" and "Global Health and Society"**.

Incoming mobility assistance is destined for PhD students registered at a foreign institution who would like to carry out, as part of their doctoral work, a research stay at a Université de Lyon member institution's research unit.

Outgoing mobility assistance is destined for PhD students registered at a Université de Lyon doctoral school who would like to carry out, as part of their doctoral work, a research stay at a research unit located abroad.

Both programmes fund **3- to 6-month stays that must start in 2015**. The calls are **open to PhD students of all nationalities** but the Lyon university has **preferential partnerships** with several universities around the world, among which the **University of Tokyo and the University of Tohoku**.

The **calls for applications were launched on 30 June 2014**. Consult the application deadlines (usually in October) published on the website of the [concerned doctoral school](#).

Further information [here](#) (incoming) and [here](#) (outgoing)



3.2.9 Germany

DAAD



3.2.9.1 DLR-DAAD Research Fellowships in the fields of Space, Aeronautics, Energy and Transportation Research

DLR – DAAD Research Fellowships is a new programme implemented by the „Deutsches Zentrum für Luft- und Raumfahrt“ (German Aerospace Center, [DLR](#)) and the German Academic Exchange Service ([DAAD](#)).

This special programme is intended for **highly-qualified foreign doctoral and postdoctoral students as well as senior scientists**. Proof of English proficiency is necessary, knowledge of German is a plus.

DLR-DAAD Fellowships are defined and awarded on an individual basis. Each Fellowship announcement will indicate the specific qualification requirements and terms of the visit. **There are currently fellowship offers in Aeronautics; Space; Transportation; Energy**. The application deadline depends on the offer.

List of open calls [here](#)

Further information [here](#)

3.2.9.2 Friedrich Wilhelm Bessel Research Awards

Scientists and scholars, internationally renowned in their field, who completed their doctorates less than 18 years ago and who in future are expected to continue producing cutting-edge achievements which will have a seminal influence on their discipline beyond their immediate field of work, are **eligible to be nominated for a Friedrich Wilhelm Bessel Research Award**.

The Humboldt Foundation grants up to 25 Friedrich Wilhelm Bessel Research Awards annually.

Direct applications are not accepted. The award is currently valued at €45000.

Nominations may be sent at any time but Selection Committee meetings are held twice a year – currently at the beginning of spring and in early autumn.

Further information [here](#)

3.2.9.3 Sofja Kovalevskaja Award

Submit an application if you are a successful top-rank foreign junior researcher, only completed your doctorate with distinction in the last six years, and have published work in prestigious international journals or publishing houses. The **Sofja Kovalevskaja Award allows you to spend five years building up a working group and working on a high-profile, innovative research project of your own choice at a research institution of your own choice in Germany**.

Scientists and scholars from all disciplines may apply directly to the Alexander von Humboldt Foundation which may grant up to eight Awards. The award is valued at up to €1.65 million.



Deadline: 1 September 2014

Further information [here](#)

3.2.9.4 PhD Programme at the International Max Planck Research School on Earth System Modelling

The Max Planck Institute for Meteorology ([MPI-M](#)) and the University of Hamburg ([UHH](#)) jointly run the **International Max Planck Research School on Earth System Modelling** (IMPRS-ESM) to promote high-quality doctoral research into the Earth's climate system. The school conducts research in **four primary research areas: atmosphere, land, ocean, and the human dimension.**

The **PhD programme is open to applicants from any country** holding a Master's degree or a German 'Diplom' in physics, geophysical sciences, chemistry, ecology, mathematics, computer science, engineering, or economics. Students currently still working on their MSc thesis are encouraged to apply, provided that their thesis work is close to completion.

5 to 10 students per year are funded under this scheme. Proof of English proficiency is a plus, but is not mandatory.

Deadline: 8 September 2014

Further information [here](#)

3.2.9.5 Science Tour 2014: Modelling the Future

The **German Academic Exchange Service (DAAD)** is organising a **tour of cutting-edge research facilities in northern Germany which specialise in the field of modelling future scenarios.** The tour will present cutting-edge research activities in the field of computer-based modelling and simulation at facilities in northern Germany.

Foreign researchers and administrators from universities and research institutes can apply for the tour. The programme will be conducted in English. The applicants **must have held a PhD for at least two years and be affiliated to a non-German university/research institute.** They should **have a strong research background in computer-based modelling in the following disciplines: maritime sciences, economics, meteorology, climate change or epidemiology.**

The tour includes visit to universities and research institutes in the cities of Hamburg, Kiel, Rostock, the island of Riems and Potsdam, such as the Potsdam Institute for Climate Impact Research (PIK), the Cluster of Excellence "Future Ocean" or the Friedrich Loeffler Institute for Animal Health (FLI). All programme-related costs in Germany (accommodation, travel, most meals) will be paid by the DAAD. However, **participants are responsible for covering their own international travel expenses.**

Deadline: 20 September 2014

Further information [here](#)



Max-Planck-Institut
für Meteorologie



Universität Hamburg
DER FORSCHUNG | DER LEHRE | DER BILDUNG

Research in
Germany



Land of Ideas



3.2.9.6 DFG-JSPS German-Japanese Graduate Externship Programme

A cooperation agreement signed between the **German Research Foundation (DFG)** and JSPS aims at the promotion of academic exchanges between the two countries. Under this agreement a Japan-Germany joint graduate **externship** programme has been implemented.



This programme plans for symmetrical exchanges of PhD students (at least 6 per year for a maximum of 10 months abroad each) and plans to dispatch postdoctoral or junior researchers (at least 5 per year) between research units in Germany and in Japan over a five-year period starting in April 2015. **All fields of study are concerned.**

Funding of two proposals will be ensured by the JSPS on the Japanese side for approximately € 110,000 per year. Funding on the German side is ensured by the DFG under its International Research Training Groups (**ITRG**) scheme.

Application period: from 27 October to 31 October 2014

Further information and application [here](#) (Japanese only)

3.2.10 Ireland

3.2.10.1 Science Foundation Ireland (SFI) Industry Fellowship Programme 2014

Science Foundation Ireland (SFI) has launched the Industry Fellowship Programme 2014 to develop and support academic partnerships with industry.



The purpose of the **Industry Fellowship Programme is to facilitate exchanges between academia and industry** to stimulate excellence through knowledge transfer and training. **Fellowships can be awarded to academic researchers wishing to spend time in industry worldwide and to individuals from industry anywhere in the world (including Ireland) wishing to spend time in an eligible Irish Research Body.**

Fellowships can last from 1 to 12 months if full time or up to 24 months if part time. The maximum Industry Fellowship award amount is € 120,000 direct costs.

Deadline for next assessment round: 10 December 2014

Further information [here](#)

3.2.11 Lithuania

3.2.11.1 Lithuanian Research Council Postdoctoral Fellowships

Researchers from Lithuania and abroad who have been awarded a Ph.D. degree within a period of 3 years can apply for Postdoctoral Fellowships. Any higher education institution, research institute, research centre or other



research establishments and enterprises in Lithuania can act as a Host Institution.

Next call is planned for the first quarter of 2015.

Further information [here](#)

3.2.12 Luxembourg

3.2.12.1 Fond National de la Recherche AFR Grant Scheme

The Fond National de la Recherche ([FNR](#)) AFR Grant Scheme (Aides à la Formation-Recherche) supports **PhD and postdoctoral research training projects in Luxembourg and abroad**, up to 4 years for PhDs and up to 2 years for postdocs. The main objective of the scheme is to improve the general working conditions and career perspectives of researchers, by giving early stage researchers access to work contracts and supplementary training opportunities.

The **AFR programme has no thematic limitations and is open to all researchers, regardless of their nationality**, desirous to engage into research training in Luxembourg or abroad.

Deadlines: 9 September 2014 (postdoctoral grants) and 23 September 2014 (PhD grants)

Further information [here](#)

3.2.13 Netherlands

3.2.13.1 The Royal Netherlands Academy of Arts and Sciences (KNAW) Visiting Professors Programme

The **Visiting Professors Programme (VPP)** enables **outstanding foreign researchers from any field of study to spend time working in the Netherlands**. The programme acts as an incentive for Dutch science and scholarship. It covers a research budget and the Visiting Professor's travel and accommodation expenses. The **applicant must find a Dutch university to act as his/her host organisation**.

Deadline: 1 November 2014

Further information [here](#)

3.2.13.2 Lorentz Centre Workshop Proposal

The **Lorentz Centre** is an international centre that was set up to **organise interactive workshops within the natural sciences**. One special aspect is possibility to obtain a room to organise workshops between natural scientists and those in the humanities and social sciences

Next proposal review: 15 September 2014

Further information [here](#)



Fonds National de la
Recherche Luxembourg



KONINKLIJKE NEDERLANDSE
AKADEMIE VAN WETENSCHAPPEN



3.2.13.3 Rubicon Programme

Rubicon aims to encourage talented researchers at Dutch universities and research institutes run by KNAW and the Netherlands Organisation for Scientific Research ([NWO](#)) to dedicate themselves to a career in postdoctoral research.

Applicants holding a PhD can apply for a period of up to two years at an excellent research institution outside the Netherlands. The minimum duration is twelve months. The eligible costs are salary including fringe benefits, travel costs and a limited amount of research costs.

Deadline 3 September 2014

Further information [here](#)

3.2.14 Norway

3.2.14.1 UTFORSK Partnership Programme

The **UTFORSK Partnership Programme is a new Norwegian instrument** for strengthening the linkage between higher education and research in international collaboration, and to **increase cooperation between Norway and Brazil, China, India, Japan, Russia and South Africa.**

For this second call of the pilot phase a stronger **emphasis is given on the collaboration between research, education and enterprises** in the public and private sectors. This scheme aims to **promote international partnerships at the institutional level** through the provision of funds to support student or staff mobility, intensive courses, joint teaching and supervisions, study programmes or degrees.

Accredited Norwegian higher education institutions must apply together with one or more partner institution in the eligible countries. Each project may apply for up to NOK 800,000 (approx. €97,000) for a two year period (2015-2016).

Deadline: 16 September 2014

Further information [here](#)

3.2.14.2 High North Programme 2013-2018

The **High North Programme supports collaboration between higher education institutions in Norway** and institutions in Canada, China, **Japan**, Russia, the Republic of Korea and the United States in order to increase knowledge about the High North. It provides **funds to support student or staff mobility, intensive courses, joint teaching and supervisions, study programmes or degrees.**

The programme is **open for all disciplines and all levels of education**, as well as multidisciplinary projects and professional studies but must be related to one or several of the Norwegian Governments' **High North strategy items and cross-border topics such as climate change, the environment, resources, transport/logistics, economy and issues relating to indigenous peoples.**



 The Research Council of Norway

UTFORSK is funded by the Norwegian [Ministry of Education and Research](#), and administered by the Norwegian Centre for International Cooperation in Education ([SIU](#)), in cooperation with the Research Council of Norway ([RCN](#))



Accredited Norwegian higher education institutions, public and private, may apply to the programme in one of these three categories:

The High North Programme is funded by the Norwegian Ministry of Foreign Affairs (MFA) and administered by the Norwegian Centre for International Cooperation in Education (SIU).

- Long-term project cooperation (four year projects up to NOK 2 million – approx. €240,000 – per project)
- Limited cooperation activities (two year projects up to NOK 300,000 – approx. €36,000 – per project)
- Preparatory visits for projects with a main partner in China, Japan or the Republic of Korea (up to NOK 70,000 – approx. €8,500 –)

Deadline: 5 November 2014

Further information [here](#)

3.2.14.3 RCN's Personal Visiting Researcher Grant

The objective of this grant is to help strengthen Norwegian research groups by **offering visiting foreign researchers (post-doctorate level or higher) the opportunity to perform research in Norway**. It may cover stays for visiting researchers **from one to 12 months**. The applicant must be a Norwegian research institution.

Next deadlines: 3 September, 15 October, 26 November 2014

Further information [here](#)

3.2.15 Poland

3.2.15.1 SKILLS – FNP Monitoring

This programme, funded by the Foundation for Polish Science ([FNP](#)) aims to enable its participants (**young scientists of any nationality working in Poland**) to **make contacts and gain mentors among experienced scholars in Poland or abroad**. The programme supports one-to-one mentoring.

Scientists selected for the programme are offered **funding for 4 short meetings of the mentor and mentee**. The Foundation will buy or reimburse the ticket for the travel and within the limit will return costs of accommodation.

The selection procedure for the programme takes place 4 times per year.

Next deadline: 1 September 2014

Further information [here](#)

3.2.15.2 SKILLS – PRAXIS

This programme aims to enable researchers residing or working in Poland to improve their work skills by completing an **internship at a research performing organisation or a company abroad**. The programme focuses on following areas: **research project management, research team management, interdisciplinary collaboration, technology transfer and entrepreneurship**.





It funds **internships lasting from 1 to 6 months** taking place in a foreign research unit or a company.

Applications are accepted on a rolling basis with a selection procedure taking place every 3 months.

Next selection: 15 September 2014

Further information [here](#)

3.2.15.3 KOLUMB - Supporting Grants

These grants are an additional offer for the KOLUMB programme laureates (till 2009 edition). The aim of the grant is to enable young researchers to take a full advantage of gained knowledge and skills during the further work in Polish research institutions. This incentive grant for relocation has a present value of PLN 40,000 (approx €9,600).

Applications accepted on a rolling basis.

Further information [here](#)

3.2.15.4 IDEAS FOR POLAND

The objective of this program is to **encourage young, brilliant researchers from all over the world to choose Poland as the place to carry out their research projects submitted successfully for the ERC Starting Grant scheme**. The program is designed for people whose previous scientific record demonstrates they are highly independent as researchers and warrants they will conduct world-class quality research.

Subsidies can be granted directly after winning an ERC grant and during the project. The maximum subsidized period is 3 years.

Applications accepted on a rolling basis.

Further information [here](#)

3.2.16 Portugal

3.2.16.1 FCT Studentships and Fellowships Programmes

The **Portuguese Foundation for Science and Technology (FCT)** offers various grants for researchers of any nationality.

PhD Studentships are offered to applicants who are accepted as doctoral students in a Portuguese or foreign university.

PhD Studentships in Industry support graduates who wish to carry out research projects leading to a PhD in an industry environment.

Postdoctoral fellowships are intended for individuals who have completed a doctoral degree less than six years ago, in order to carry out advanced research in Portuguese or foreign scientific institutes of recognized merit.

Deadline: 30 September 2014



Further information [here](#)

3.2.17 Slovakia

3.2.17.1 National Scholarship Programme (Incoming and Outgoing)



The **National Scholarship Programme** of the Slovak Republic ([NSP](#)) supports study/research/teaching/artistic **mobility of foreign students, PhD students, university teachers, researchers and artists toward higher education institutions and research organisations in Slovakia**. The scholarship shall cover scholarship holders' living costs during their **1 to 12 months stay** in Slovakia with an allowance between € 350 and € 1,000 per month.

NSP also supports outgoing mobility of students and PhD students studying at Slovak higher education institutions with a permanent residence in Slovakia toward higher education institutions and research organisations abroad.

Deadline for all applications: 31 October 2014

Further information [here](#) (Incoming and Outgoing), [here](#) (incoming PhD students) and [here](#) (incoming university teachers, researchers, artists)

3.2.18 Spain

3.2.18.1 Ikerbasque Research Professors call for 2014



The **Basque Foundation for Science** ([Ikerbasque](#)) has launched its annual call for attracting senior researchers to the Research Institutions in the Basque Country.

This call **offers 15 permanent contract positions for experienced researchers within any of the Basque Research Institutions** (Universities, Basque Excellence Research Centres, Cooperative Research Centres, Biomedical institutions and Technology Corporations, etc.). Researchers **from any country, with a solid research track, senior level and international research experience may apply**.

Deadline: 10 September 2014

Further information [here](#)

3.2.18.2 AMAROUT-II Europe Programme

AMAROUT-II is a Marie Curie Action (PEOPLE-COFUND). It is a fellowship program designed to **support transnational mobility of senior researchers**.

Both "**experienced**" and "**very experienced**" researchers **from any country** can apply for AMAROUT-II fellowships at any of the seven [IMDEA Institutes](#) participating in the program (Energy, Food, Materials, Nanoscience, Networks, Software, and Water).

A permanent call for applications is open until 30 September 2015



This Ikerbasque programme is under the SMARTbrain Project, which is co-funded by the Basque Government and the European Union under the [COFUND](#) Programme.



Further information [here](#)

3.2.19 Sweden

3.2.19.1 VINNMER Marie Curie Incoming

The purpose of this call is to **support experienced researcher careers through mobility and international collaborations**. Experienced researchers of **all nationalities can apply** for international mobility to Sweden with project times of 1-3 years and get up to 50% of their salary costs as well as additional relevant costs relating to mobility covered.

Deadline: 16 September 2014

Further information [here](#)

3.2.19.2 STINT Teaching Sabbatical

The Swedish Foundation for International Cooperation in Research and Higher Education ([STINT](#)) seeks in various ways to stimulate an increased exchange between Swedish and foreign universities for teaching and educational development.

Participating teachers will reside at the foreign university for the autumn semester (August to December). The intention is for them to teach, either by giving a course themselves or in partnership with a colleague at the host university. **STINT is collaborating in particular with the University of Tokyo** among others. Swedish establishments are invited to nominate two candidates each. At least ten scholarships are provided each year.

Nomination should be submitted no later than **17 September 2014** via [STINT's application system](#).

Further information [here](#)

3.2.19.3 STINT Postdoctoral Transition Grants

The aim of the Postdoctoral Transition Grants for Internationalisation programme is to **support promising young researchers in Sweden after a postdoc period which included at least one year abroad**.

Projects may last for up to three years. The funds are to be used for mobility, stays abroad or foreign researcher's stays in Sweden. **Applicants should be employed by and active at a university in Sweden and have obtained their PhD**.

Deadline: 1 October 2014

Further information [here](#)

3.2.19.4 Joint Japan-Sweden Research Collaboration

The aim of the Joint Japan-Sweden Research Collaboration programme is to strengthen Swedish research and higher education by developing and establishing international partnerships. The programme supports projects of high scientific quality.





Applicants should be working at a university in Sweden and have obtained their PhD. Projects must encompass at least one Swedish and Japanese party. A parallel application is to be submitted by the Japanese party to the JSPS.

The ideal partnership project should mix research and higher education activities. The participation of young researchers and doctoral students to the project is deemed as of particular importance by both parties. New collaborative patterns will be given priority over long-standing partnerships.

Projects may last for up to four years and may receive up to €87,000 from STINT and €175,000 from JSPS.

Deadline: 10 September 2014

Further information [here](#)



3.2.19.5 KVA in Biosciences, Engineering and Social Sciences

The **Royal Swedish Academy of Sciences (KVA)** offer different scholarships that **support PhD students and postdoctoral researchers to do research in Sweden**. In addition to the funding available by means of general applications, special foundations and research exchanges are allocated.

Scholarships in certain disciplines are open to applicants of any nationality.

Each discipline has its own deadline.

Next deadline: 31 August 2014 for Biosciences and Social Sciences

Further information [here](#) (biosciences) and [here](#) (social sciences)

3.2.20 Turkey

3.2.20.1 „2215“ - Graduate Scholarship Programme for International Students

The **Scientific and Technological Research Council of Turkey (TÜBİTAK)** grants **scholarships for international students of any country seeking to pursue a graduate degree in Turkey**. The scholarship covers fields of Natural Sciences, Engineering and Technological Sciences, Medical Sciences, Agricultural Sciences, Social Sciences and Humanities.

Scholarships may cover monthly stipends and tuition fees for Master and PhD courses with a **maximum duration of 2 years for the Masters and 4 years for the PhD program**.

Deadline: 19 September 2014

Further information [here](#)

3.2.20.2 „2216“ - Research Fellowship Programme for International Researchers

TÜBİTAK grants fellowships for international highly qualified PhD students and young post-doctoral researchers to pursue their research in





Turkey in the fields of Natural Sciences, Engineering and Technological Sciences, Medical Sciences, Agricultural Sciences, Social Sciences and Humanities.

The program aims to promote Turkey's scientific and technological collaboration with countries of the prospective researchers. Preference will be given to candidates who demonstrate the potential to contribute significantly to Turkey's goal of international cooperation in scientific and technological development.

Fellowship may cover monthly stipend, travel costs and part of the research costs of the successful candidates.

Deadline: 31 October 2014

Further information [here](#)

3.2.20.3 „2221“ - Fellowships for Visiting Scientists and Scientists on Sabbatical Leave

TÜBİTAK grants fellowships for foreign researchers who would like to give workshops/conferences/lectures or conduct R&D activities in Turkey in the fields of Natural Sciences, Engineering and Technological Sciences, Medical Sciences, Agricultural Sciences, Social Sciences and Humanities.

Three types of visits are granted within this program: **Short-term (up to 1 month), Long term (up to 12 months) and Sabbatical Leave (from 3 months to 12 months)**. All types of grants cover monthly stipend and travel costs.

Applications accepted on a rolling basis

Further information [here](#)

3.2.21 United Kingdom

3.2.21.1 NERC International Opportunities Fund

The Natural Environment Research Council ([NERC](#)) is inviting proposals to its International Opportunities Fund (IOF). **The IOF scheme provides resources to NERC-supported researchers** to allow them to forge long-term partnerships with overseas scientists that add value to current NERC-funded science.

IOF grants are intended to stimulate novel research collaborations, and support activities that are not typically supported through NERC's usual funding schemes.

Deadline: 24 September 2014

Further information [here](#)

3.2.21.2 Daiwa Foundation Awards/Small Grants

The [Daiwa Anglo-Japanese Foundation](#) is a UK charity enabling British and Japanese students and academics to further their education through exchanges and other bilateral initiatives.



Daiwa Foundation Awards can cover projects in most academic, professional, arts, cultural and educational fields in the context of an institutional relationship. Awards seek to encourage the development and sustainability of UK-Japan partnerships. Any project which involves a significant level of collaboration between British and Japanese partners can be considered.

This award's amount can vary from £ 7,000 to £ 15,000 (€ 8,700 to € 18,800).

Daiwa Foundation Small Grants can cover all fields of activity, including educational and grassroots exchanges, research travel, the organisation of conferences, exhibitions, and such. New initiatives are especially encouraged.

This program grants usually between £ 3,000 to £ 7,000 (€ 3,750 to € 8,700) per project.

Both schemes have two deadlines per year: 31 March and 30 September

Further information [here](#) (Awards) and [here](#) (Small Grants)

3.2.21.3 Royal Society's International Exchanges Scheme

The **Royal Society's International Exchanges Scheme is designed for collaborative projects between British and Japanese researchers in the field of science.** They are funded by the Daiwa Foundation and administered by [The Royal Society](#).

This scheme is **for scientists in the UK who want to stimulate new collaborations** with leading scientists overseas through either a one-off visit or bilateral travel.

Eligible projects should include two teams or individuals: one based in the UK and the other based in Japan. A relationship between both parties should already be established prior to making an application and the collaboration should involve bilateral visits between the British and Japanese collaborators.

Funding of up to £ 6,000 (€ 7,500) per year for two years is provided to cover travel, subsistence and research expenses. Approximately 3 projects receive funding each year.

Deadline: 21 October 2014

Further information [here](#)

3.2.21.4 BBSRC David Phillips Fellowships

These **Biotechnology and Biological Sciences Research Council (BBSRC)** fellowships are **for scientists who have demonstrated high potential and who wish to establish themselves as independent researchers.**

Applicants should have **no less than 3 years and no more than 10 years in active postgraduate research studies** and postdoctoral research employment. They **must be resident in the UK at the time of application or in the process of moving to the UK** to take up an already agreed contract at an





eligible organization such as Higher Education Institutions (HEIs) or Research Council Institutes (RCIs).

Proposals in any area of Biosciences are welcome but proposals that are aligned with BBSRC's overarching strategic priorities are particularly encouraged (i.e. plants, microbes, animals and tools for biological research).

Awards are for 5 years, up to 5 are available, and include personal salary and a significant research support grant.

Deadline: 5 November 2014

Further information [here](#)

3.2.21.5 STFC Ernest Rutherford Fellowships

The **Science and Technology Facilities Council (STFC)** proposes these fellowships to enable **early career researchers** who do not yet have an academic position to **establish an independent research programme**. They encourage talented researchers in UK universities to remain in the country and at the same time attract outstanding overseas researchers to the UK.

Applications must fall within the remit of the STFC core Science Programme (**astronomy, solar and planetary science, particle physics, particle astrophysics, cosmology, nuclear physics**).

Applicants must have a PhD and a minimum of two years postdoctoral experience. Twelve funding supports of a five year duration are granted each year.

Deadline: 25 September 2014

Further information [here](#)

3.3 Japan

3.3.1 JSPS Bilateral Programmes Call

The aim of these programs is to **form sustained networks evolved from individual scientist exchanges, including young scientists**.

JSPS provides financial support to Japanese scientists implementing such bilateral joint research projects and seminars between research teams from Japan and counterpart countries.

Counterpart agreements with the following European countries and institutions are available: Austria ([FWF](#)), Belgium ([FRS - FNRS](#) , [FWO](#)), Finland ([AF](#)), France ([CNRS](#), [Inria](#), [Inserm](#), [MAEDI](#)), Germany ([DAAD](#), [DFG](#)), Hungary ([HAS](#)), Italy ([CNR](#)), Netherland ([NWO](#)), Poland ([PAN](#)), Slovenia ([MIZS](#)), Sweden ([STINT](#)), Ukraine ([SFFR](#)).

Deadline: 10 September 2014

Further information [here](#)



3.3.2 JSPS Researcher Exchange Programme

JSPS provides financial support to Japanese researchers visiting counterpart countries to carry out research and/or discussions with researchers in those countries. Both short term and long term opportunities exist. **Japanese researchers must depart Japan during the period from 1 April 2014 to 31 March 2015.**

European counterpart countries/organisations for this round are: **Finland** (AF, postdoc) , **France** (Inserm, short term; IHES, postdoc), **Germany** (DAAD, short term) and **Norway** (RCN, postdoc and long term).

Deadline: 12 September 2014

Further information [here](#)

3.3.3 JSPS New Core to Core Programme

Since 2012, the JSPS has implemented a newly-revised Core-to-Core Programme, comprising two components: (1) **Advanced Research Networks** and (2) **Asia-Africa Science Platforms**. This programme is designed to **create top world-class research centres in Japan that partner with other core research institutions around the world over the long-term.**

The Advanced Research Networks component of the Core-to-Core Programme **supports bi- or multi-lateral cooperation in cutting-edge fields of science** between institutions in **Japan** and with the **US, Canada, Denmark, Austria, Belgium, Finland, France, Germany, Italy, Netherlands, Norway, Russia, Spain, Sweden, Switzerland, UK, Australia and New Zealand.**

This programme **may fund cooperative projects in any field**, provided they are „**scientifically cutting-edge**, and strategic from an international point of view“.

Accepted projects may start as soon as April 2015 and may **last a maximum of five years** during which they may receive an annual stipend of JPY 20 million (€ 146,000) from JSPS which must be balanced with allowance from the other foreign institutions participating to the project.

Approximately 10 projects should be accepted under this programme for this round.

Applications must be submitted by a Japanese research institution.

Applications can be submitted between **4 September 2014 and 2 October 2014.**

Further information [here](#) (English translation) and [here](#) (Japanese official version and application forms)





3.3.4 JSPS Grants-in-Aid for Scientific Research „Kakenhi“

Grants-in-Aid are awarded to promote creative and pioneering research across a wide spectrum of scientific fields, ranging from the humanities and social sciences to the natural sciences. **Grants are awarded to projects organized by individual researchers, research groups at Japanese universities or research institutes engaged in basic research, particularly research in critical fields attuned to advanced research trends.**

These grants are **divided in several categories with different intents which fund projects for periods between 1 and 6 years** with yearly allowances between JPY 1 million and JPY 600 million (€7,000 to €4.3 million) depending on the scale, the level of scientific advancement and the international counterpart of each project. **More information on the different types of grants can be found [here](#).**

Applications are usually open early September each year.

Further information [here](#)

3.3.5 Invitation Fellowships Programmes for Research in Japan

The JSPS carries out programs that provide overseas researchers who have an excellent record of research achievements with an opportunity to conduct collaborative research, discussions, and opinion exchanges with researchers in Japan. These programmes are intended to help advance the overseas researchers' research activities while promoting science and internationalization in Japan.

This program is designed to enable **Japanese researchers to invite their foreign colleagues to Japan to participate in cooperative work. Researchers of all countries having diplomatic relations with Japan and of any field of study are eligible.** Applications are submitted by the inviting researchers who wish to host foreign researchers in Japan.

Various fellowship categories are provided: three for postdoctoral fellowships and three for invitation fellowships (researchers). Approximately 320 postdoctoral fellowships and 290 invitation fellowships should be awarded for 2015 through 2 to 4 calls (see [here](#) for further details on the different categories).

Next application rounds: 1-5 September 2014 (Standard postdoctoral)

6-10 October 2014 (Short-term postdoctoral)

1-5 Sept. 2014 (Long- and Short-term invitation)

Further information [here](#)



4 Jobs

4.1 EURAXESS Jobs

There are currently **11,116 jobs advertised on the EURAXESS Jobs webpage**. They can be viewed by country, level of seniority, field or research or via free text searches. Please also note that these jobs include doctoral fellowships.

Researchers can also post their CVs for free [here](#). Do not hesitate to do it and increase your visibility.

All the positions can be viewed at the [EURAXESS Jobs page](#).

You can also **advertise for Jobs and Fellowships at your organisation, free of charge**, on the [EURAXESS Links Japan website](#)!

Research organisations (public and private) can upload their job vacancies located in Japan.

4.2 Jobs in Europe

4.2.1 INRA recruits 49 experienced researchers

The **French National Institute of Agricultural Research (INRA) recruits 49 experienced researchers in fields relevant to agricultural research**. There are 6 vacancies for experienced research scientists (PhD+ at least 4 years of experience); and 43 Research Director positions (PhD+ at least 8 years experience).

Deadline: 1 September 2014

Further information on [INRA's job portal](#)

INRA also advertises 2 PhD and 6 Postdoctoral fellowships [here](#)

4.2.2 CERN

CERN advertises for a number of research positions in physics and materials science on its [job portal](#).

Among those are also PhD and Postdoc fellowships such as the [Non-Member State Postdoc Fellowship Programme in Theoretical Physics](#) and the [Fellowship and GET Programmes](#).

4.2.3 CNRS Permanent Engineers

Each year, the **French National Centre for Scientific Research (CNRS) organizes external competitive examinations to fill a wide variety of jobs**, including many positions in research support. These are organized into the categories of researchers, engineers and technicians, who assist researchers in their scientific activities.

Recruitment of Postdoctoral fellows is also sometimes advertised.



More information [here](#) (permanent positions) or [here](#) (temporary positions)

4.2.4 European Research Career Sites:

- Find A Postdoc: <http://www.findapostdoc.com/>
- Find Scholarships in Europe: <http://www.scholarshipportal.eu/>
- Find PhDs in Europe: <http://www.phdportal.eu/>
- Career.edu: <http://www.career.edu/index.php>
- Academic Jobs EU: <http://www.academicjobseu.com>
- Euro Science Jobs: <http://www.eurosciencejobs.com/>
- European Job Mobility Portal: <http://ec.europa.eu/eures/home.jsp?lang=en>
- Careers with the European Union: [European Personnel Selection Office \(EPSO\)](#)
- Careers with the European Union (EPSO), [Non-permanent Posts](#)
- EuroBrussels: <http://www.eurobrussels.com/>

4.3 Jobs in Japan

4.3.1 JREC-IN



The Japanese job portal for researchers, JREC-IN, is currently advertising 3,506 positions in Japanese, and 344 positions in English.

All the positions can be viewed at the JREC-IN portal in [English](#) or in [Japanese](#).

4.3.2 Careers at Japanese Research Institutes

All the main Japanese research institutes show active recruitment policy of international researchers and thus propose numerous positions (usually „on-project“) advertised in English in the following links.

For a better insight on the full recruitment campaigns please check the Japanese version of their website.

4.3.2.1 Applied Sciences:

ψ [AIST](#):

http://www.aist.go.jp/aist_e/humanres/

ψ [JAEA](#):

<http://www.jaea.go.jp/english/news/index.html>

ψ [JAIST](#):



<http://www.jaist.ac.jp/english/information/index.html#employment.html>

ψ [JAXA:](#)

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

ψ [NICT:](#)

http://www.nict.go.jp/en/general_affairs/employment/employment/research_staff-e.html

ψ [NII](#) (Japanese only):

<http://www.nii.ac.jp/about/recruit/>

ψ [NIFS:](#)

<http://www.nifs.ac.jp/en/jinji/index.html>

4.3.2.2 Life Sciences and Clinical Research:

ψ [Kanagawa Cancer Center](#) (Japanese only):

<http://kcch.kanagawa-pho.jp/medical/recruit.html>

ψ [NARO](#) (Japanese only):

<http://www.naro.affrc.go.jp/acquisition/index.html>

ψ [NIBB:](#)

<http://www.nibb.ac.jp/en/about/recruit/>

ψ [NIRS:](#)

<http://www.nirs.go.jp/ENG/careers/opportunities/index.shtml>

ψ [OIST:](#)

<http://www.oist.jp/careers>

4.3.2.3 Mathematics and Fundamental Sciences:

ψ [ISM:](#)

http://www.ism.ac.jp/jobs/index_e.html

ψ [Kamioka Observatory:](#)

<http://www-sk.icrr.u-tokyo.ac.jp/index-e.html>

ψ [KEK:](#)

<http://www.kek.jp/en/Jobs/>



4.3.2.4 *Natural Sciences:*

- ψ [IMS](#) (Japanese only):
<http://www.ims.ac.jp/recruit/>
- ψ [JAMSTEC](#):
<http://www.jamstec.go.jp/e/about/recruit/>
- ψ [NAOJ](#):
<http://www.nao.ac.jp/en/about-naoj/recruit.html>
- ψ [NIES](#):
<http://www.nies.go.jp/osirase/saiyo/index-e.html>
- ψ [NIMS](#):
<http://www.nims.go.jp/eng/employment/>
- ψ [RIKEN](#):
<http://www.riken.jp/en/careers/researchers/>

4.3.2.5 *Social Sciences and Humanities:*

- ψ [GRIPS](#):
http://www.grips.ac.jp/en/job_openings/
- ψ [IRCJS](#):
<http://www.nichibun.ac.jp/en/employment/index.html>
- ψ [NINJAL](#):
<http://www.ninjal.ac.jp/english/newsyears/2014/>

4.3.3 **Careers at Japanese Universities**

All the **main Japanese universities are very proactive towards recruitment of international staff**. They often propose number of positions (Postdoctoral, project-based, tenure-track) advertised in English in the following links.

For a better insight on the full recruitment campaigns please check the Japanese version of their website.

- ψ Hokkaido University:
<https://www.oia.hokudai.ac.jp/about/jobs-at-hokkaido-university/>
- ψ Keio University:
<http://www.keio.ac.jp/en/jobs/>
- ψ Kyoto University:



<http://www.kyoto-u.ac.jp/en/profile/acceptance/other>

ψ Kyushu University:

<http://www.isc.kyushu-u.ac.jp/g30/employment.html>

ψ Nagoya University:

<http://en.nagoya-u.ac.jp/employment/index.html>

ψ Osaka University:

<http://www.osaka-u.ac.jp/en/news/employ>

ψ Tohoku University (Japanese only):

http://www.tohoku.ac.jp/japanese/2014/cate_recruit/

ψ Tokyo Institute of Technology:

<http://www.hyoka.koho.titech.ac.jp/eprd/recently/koubo/koubo.php?lang=en>

ψ Tokyo University:

<http://www.u-tokyo.ac.jp/en/news/jobs01/>

ψ Tsukuba University:

<https://www.tsukuba.ac.jp/english/update/jobs.html>

4.3.4 Careers at Japanese WPIs

The **World Premier International Research Centre Initiative (WPI)** was launched in 2007 by the Ministry of Education, Culture, Sports, Science and Technology (**MEXT**) to build research centres that boast a very high research standard and outstanding research environment.

These centres are given a high degree of autonomy, allowing them to innovate compared to conventional modes of research operation and administration in Japan.

They advertise for various temporary and permanent positions.

ψ **AIMR:**

<http://www.wpi-aimr.tohoku.ac.jp/en/about/staff/>

ψ **ELSI:**

<http://www.elsi.jp/en/about/recruitment/>

ψ **I²CNER:**

<http://i2cner.kyushu-u.ac.jp/en/recruit/recruit.php>

ψ **iCeMS:**

<http://www.icems.kyoto-u.ac.jp/e/career/>

ψ **iFReC:**



<http://www.ifrec.osaka-u.ac.jp/en/recruit/index.php>

ψ [IIS:](#)

<http://wpi-iis.tsukuba.ac.jp/position/>

ψ [ItbM:](#)

<http://www.itbm.nagoya-u.ac.jp/en/career/>

ψ [IPMU:](#)

<http://www.ipmu.jp/job-opportunities>

ψ [MANA:](#)

<http://www.nims.go.jp/mana/siteinfo/employment2013.html>

4.3.5 Postdoctoral position at the Tohoku University IMR



The **Institute for Materials Research (IMR)** is a research institute for material sciences in the Tohoku University, also referred to as “Kinken” and established in 1916 as the research institute of Tohoku University. Its interests lie in studying **both the application and basic research of a wide range of substances and materials** such as metals, semiconductors, ceramics, compounds, organic materials, and composite materials.

IMR is now advertising for a Post-doctoral Researcher position in the area of computational materials physics and engineering.

Deadline: 30 September 2014

Further information [here](#)

4.3.6 Visiting Research Scholar positions in Japanese Studies



The **International Research Centre for Japanese Studies (IRCJS)**, also called Nichibunken is one of the constituent institutions of the Japanese National Institutes for the Humanities. Founded in May 1987 as an inter-university research institute, **this centre seeks to promote interdisciplinary research on Japanese culture** and to foster cooperation among researchers in Japanese studies worldwide.

In order to broaden and deepen research on Japanese culture and bring together researchers in a variety of specialized fields, **the centre regularly appoints a number of scholars from around the world as Visiting Research Scholars.**

Such scholars can apply for **a stay of 3 to 12 months at the centre**, during which salary, travel expenses and research allowance may be covered by the centre.

Several openings each year.



Deadline: 31 October 2014

Further information [here](#)

4.3.7 Postdoctoral position in XMASS



K A V L I
IPMU



The **Kavli Institute for the Physics and Mathematics of the Universe (Kavli IPMU)** is an international research institute with English as its official language established in October 2007. The goal of the institute is to discover the fundamental laws of nature and to understand the universe from the synergistic perspectives of mathematics, statistics, theoretical and experimental physics, and astronomy.

IPMU and the University of Tokyo are now inviting applications for a Postdoctoral Position in XMASS, a direct dark matter experiment at the Kamioka Observatory.

XMASS is a single-phase liquid xenon detector to look for dark matter particles with a largest mass of 850kg and with the lowest energy threshold of 0.3 keV among the operation liquid xenon experiments.

The successful candidate will be expected to participate in both software and hardware development and to analyze data.

Position is open since 10 August 2014 until filled.

Applications are reviewed in the order they are received.

Further information [here](#)

4.3.8 Research positions at the ICYS (NIMS)

NIMS' International Centre for Young Scientists (ICYS) is now **seeking a few researchers**. Successful applicants are expected to pursue innovative research on broad aspects of materials science using most advanced facilities in NIMS.

An annual salary around JPY 5 million will be offered to the successful candidates during an initial contract term of two years which may be extended by one more year. In addition, a research grant of 2 million yen per year will be supplied to each ICYS researcher.

The contract must start between 1 January and 1 September 2015.

All applicants must have obtained a PhD degree within the last ten years.

Deadline: 30 September 2014

Further information [here](#)



5 Events

5.1 EURAXESS Links Japan Events

EURAXESS Science Slam Japan 2014

Following last year's successful edition, here's the announcement of the second **EURAXESS Science Slam Japan 2014!**

A Science Slam is a presentation where researchers present their work in front of a non-expert audience. The focus is on making research interesting, engaging, entertaining and thrilling to the audience.



What's EURAXESS Science Slam Japan 2014?

The event will take place **on Monday, 10 November 2014 at Tokyo Institute of Technology.**

This will give **researchers (young and less young!) of any nationality based in Japan the chance to showcase their work** and talent for giving a lively and interesting presentation.

Each presentation will be performed in English in less than 10 minutes and can be supported by video, audio material, slides or any other kind of media, as well as by scientific equipment.

The event is **open to researchers from all fields of research.**

Costs for transportation to and local accommodation in Tokyo will be covered by EURAXESS Links Japan to the participants based outside of Tokyo.

The performance will be graded by the audience and **the winner will win a 4 days trip to Bonn, in the heart of Europe, have the opportunity to participate in a science communication workshop, and meet with a research institution of his/her choice within the European Research Area!**

Bonn is not only beautifully situated at Europe's largest river – the Rhine – but also a city of history, the birthplace of composer Ludwig van Beethoven, the former German capital and host to UN secretariats and organisations!!



... November 2014



Registration for attendees [here](#)

Registration for contributors [here](#)



How to participate as a competitor?

Please **create a 3-minutes sample video of the talk you intend to give** at the EURAXESS Science Slam Japan 2014 event. Don't forget, this has to be **scientific** (of course), **synthetic** (better be!), but also **creative** and **fun!** Then post it to your Youtube account and post a link to your video in the comment section of EURAXESS Links Japan's video trailer for the event [here](#).

Alternatively, **you can also have a 3-minutes live presentation through EURAXESS Links Japan's Skype account.**

Contributions will be reviewed by a panel of professionals and 5 competitors will be selected for the finals in Tokyo!

Please fill in the contributor form [here](#)!!

Deadline for contributors is 20 October 2014

Potential attendees can also already register [here](#).

Next month's newsletter will feature an interview of last year's winner, Ms Mugiko Komatsuda, PhD student at Tokyo University: don't miss it!

5.2 Journée Francophone de la Recherche 2014

[Sciencescope](#) is organising the French-language Research Day in Japan ([JFR '14](#)) on 21 November at the French-Japanese Centre - *Maison Franco-Japonaise* in Tokyo.

Every year, the JFR gathers students, researchers and scientists from across all disciplines to promote scientific exchange during a one-day event. .

It will include oral communications, a poster session, and a professional round-table. A Best Oral Communication Award and a Best Poster Award will be assigned by a Jury.

All presentations will be in French, but a very small number may be permissible in English.

The call for contributions will be available [here](#) soon.

5.3 Sciencescope's RSFK

Sciencescope is organising on Friday 19 September a **scientific seminar** at the [Institut Francais du Japon in Kyoto](#): Rencontres Scientifiques Francaises du Kansai.

This recurrent seminar **features presentations of the work of French scientists and researchers in Japan.**

This edition will also feature a **round-table on the theme of researchers' mobility** with the participation of visiting researchers at RIKEN and Osaka City University.



This event is organised with the support of the [Maison Franco Japonaise](#), the [Embassy of France in Japan](#), [CNRS](#), [ABSCIF](#) and [ABC](#).



Presentations in French only.

Further information [here](#)

5.4 Japanese-German Symposium: “The Role of Universities in the Age of Globalization: Between Workforce Development and Personality Development”

What is the core mission of the 21st century university?

Can we define universal ideals of higher education, which can serve as guidelines of a 'world university system'?

This symposium co-organised by the [German Research and Innovation Forum Tokyo](#), the [German Rectors' Conference](#) and the [University of Tokyo](#) with the support of the [Keidanren](#) intends to address these issues.

This event will provide a platform for exchange and discussion among University representatives as well as experts on the issue of the dynamics between the universities' perception of their role in education and research on the one side, and the expectations of society, industry, and politics vis-à-vis Higher Education now and in the future, on the other side.

At the same time, **the symposium aims to highlight the significance of university education and research for the development of science** and therefore for the sustainable development of societies in Japan and Germany.

Program is available in German and Japanese [here](#)

Date: 8 October 2014

Venue: University of Tokyo, Ito International Research Centre

Language: German/Japanese with simultaneous translation

Registration necessary (limited number of seats) [here](#).

5.5 The 5th Kobe University Brussels European Centre Symposium

The **Kobe University [Centre for EU Studies](#)** will co-organise with **JEUIPSTE** the 5th Kobe University Brussels European Centre Symposium on **14 October 2014 in Brussels**.

The symposium theme is "**Innovation, Environment and Globalisation - Latest EU-Japan Research Collaboration**".

During this symposium, the latest collaboration between Japan and EU in science and technology and cultural industry will be introduced by prominent researchers from Japanese and EU institutions, including a Nobel Laureate.

Further information and registration [here](#)

Research in
Germany



Land of Ideas



THE UNIVERSITY OF TOKYO

KEIDANREN



Please feel free to contact us at japan@euraxess.net if you want your event to be in the list!

5.6 Other events in Japan

Non-exhaustive list of scientific or research-related events in Japan.

Event	Date	Location	Organised by	Field	Link
IBCELC 2014	4-6 Sept.	Okinawa	Higher Education Forum	Biotechnology	here
GCAER 2014	4-6 Sept.	Okinawa	Asia-Pacific Education & Research Association	Earth and Environ. Sciences	here
ISEPS 2014	4-6 Sept.	Okinawa	Asia-Pacific Education & Research Association	Education / Psychology	here
International Workshop on Nanoclusters	6 Sept.	Tokyo	JST-ERATO, Keio university	Nanotechnology	here
NRE-9	23-26 Sept.	Hirosaki	Hirosaki University	Physics	here
Tokyo Translational Therapeutics Meeting	24 Sept	Tokyo	IIS (WPI)	Neuroscience	here
14 th NIMS Forum (Japanese only)	9 Oct.	Tokyo	NIMS	Material Sciences	here
ICESAS 2014	15-17 Oct.	Osaka	Asia-Pacific Education & Research Association	Earth and Environ. Sciences	here
7th International Symposium on Surface Science	02-06 Nov.	Matsue (Shimane Pref.)	The Surface Science Society of Japan	Physics	here
Advances in Live Single-Cell Thermal Imaging and Manipulation	10-12 Nov.	Okinawa	OIST	Biophysics	here
ISBM 2014 – Fall Session	12-14 Nov.	Tokyo	Meiji University	Economy / Policy	here



Please feel free to contact us at japan@euraxess.net if you want your event to be in the list!

5.7 Events in Europe

Non exhaustive list of scientific or research related events in Europe.

Event	Date	Location	Organised by	Field	Link
FEBS EMBO 2014 Conference	30 Aug. - 4 Sept.	Paris, France	The Federation of European Biochemical Societies	Life Sciences	here
ERC Workshop on Research Data Management and Sharing	18-19 Sept.	Brussels, Belgium	ERC	Data management	here
EU-Russia Researchers' Mobility Forum	25 Sept.	Brussels, Belgium	European Commission	Mobility	here
European Researchers' Night	26 Sept.	Europe-wide	European Commission	Networking / Interactive Science Shows / Outreach	here
LET's	29 Sept. - 1 Oct.	Bologna, Italy	Italian EU Presidency	Cutting Edge Technologies	here
ICT Proposers' Day 2014	9-10 Oct.	Florence, Italy	European Commission	Networking	here
JEUIPSTE Innovation Workshop N.1	13 Oct.	Brussels, Belgium	JEUIPSTE/European Economic and Social Committee	Innovation	
JEUIPSTE Innovation Workshop N.2	13 Nov.	Turin, Italy	JEUIPSTE	Innovation	
EuroMed 2014	3-8 Nov.	Limassol, Cyprus	European Commission	Cultural Heritage Research	here
ENGRES 2014	18-19 Nov.	Trento, Italy	European Commission	Mobility / Research Schemes	here
Utilising academic research in policymaking	25 Nov.	London, UK	Westminster Forum Projects	STI Policy	here
FTA Conference	27-28 Nov.	Brussels, Belgium	JRC	Technology & Innovation Systems	here



#####

About EURAXESS Links Japan

EURAXESS Links Japan is a networking tool for European researchers active/seeking activity in Japan and for Japanese researchers wishing to collaborate and/or pursue a career in Europe.

EURAXESS Links Japan provides information about research in Europe, European research policy, opportunities for research funding, for EU-Japan and international collaboration and for trans-national mobility.

Membership is free.

Visit us at japan.euraxess.org and click on the Join the EURAXESS Links Japan community hyperlink on the right-hand side of the page.

EURAXESS Links networks have thus far been launched in North America (USA & Canada) Japan, China, India, the ASEAN hub (encompassing Singapore, Thailand, Malaysia, Indonesia and Vietnam) and Brazil.