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EURAXESS LINKS CHINA

Dear colleagues,

This month's [EU Insight](#) focuses on "The EU and the UNESCO Science Report 2015".

For our "[Meet the Researcher](#)" [interview](#) this month, Dr Ralf Jauch based at Guangzhou Institute for Medicine and Health gives us an insight into his daily work as a PI in an international environment in southern China.

Our [News](#) and [Grants and Fellowships](#) sections contain our latest round-up of the most important developments and opportunities. You can also find out more about news from the EU, member states and countries associated to the EU, as well as their collaboration with China.

Our [Press Review](#) summarizes the key developments in Chinese research, innovation and international collaboration.

We always welcome your feedback and suggestions.

EURAXESS Links China



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1 EU Insight: The European Union and the UNESCO Science Report, Towards 2030

What is the state of investment in science, technology and innovation in the world today? How does Europe rank in relation to other regions and countries? Answers to questions such as these can be found in the pages of the recently published UNESCO Science Report.

The report

Published every five years to ensure a focus on long-term trends, rather than just fleeting transitions which occur from year to year, the UNESCO Science Report 2015 is a detailed examination of the state of activities related to STI as





it exists around the world. As noted in its forward, the report seeks to understand how these trends in innovation and mobility contribute to solving major global challenges. Compiled by a multinational team of experts, the 820-page report is broken down into three core sections and a series of three annexes, starting off with the most important emergent issues concerning science and technology in policy sectors and in different institutional contexts, followed by a global overview of key trends and approaches related to innovation, mobility and gender, and ultimately a look at these same topics from a country and region perspective.

The EU in the Report

According to this report, the European Union stands out in many ways in relation to its global counterparts. For one thing, Europe still leads the rest when it comes to producing researchers, and is seen as a “pole of excellence” and a leader of international excellence and basic research. Currently, out of over 7 million researchers active in the world, over 22% stem from the European Union, while the remaining 50% stem collectively from China, Japan, Russia and the United States. Thus, not only is the EU in the top five countries, it leads all others (China and the United States with 19.1% and 16.7% follow respectively). In addition to this positive data, the European Union is also responsible for the largest number of scientific publications globally, with 34% of all publications stemming from Europe being reported.

In regard to Europe, the Report also lauds its current framework programme for research and innovation, Horizon 2020, for the support it provides to research and innovation. In particular, attention is given to the establishment of the European Research Council as a highly successful model programme for the support of frontier (i.e., basic) research and the ERC Grant programme with its various schemes. Also mentioned is the importance of the Marie Skłodowska Curie Actions and how they encourage mobility and offer support at all stages of a researchers’ career.

To read more about the report’s findings, click [here](#).

Sources:

Jenvey, Nicola. “Big five still dominate in share of world’s researchers”. University World News, Global Edition. Issue 390. 14 November 2015

Unesco Science Report: towards 2030. United Nations Educational, Scientific and Cultural Organization, (2015);

<http://unesdoc.unesco.org/images/0023/002354/235407e.pdf>. Accessed 22 November 2015.



2 Meet the Researcher: Dr Ralf Jauch, PI at CAS Guangzhou Institute of Biomedicine and Health



Dr Ralf Jauch studied Biology, Psychology and Archeology in Jena (Germany) and Manchester (UK) before doing his PhD in a molecular biology programme from 2001-2005 at the Max-Planck-Institut für biophysikalische Chemie in Göttingen, Germany.

In 2006 he moved to Singapore to join the recently established Genome Institute of Singapore (GIS, part of the A*STAR family) for postdoctoral training.

From 2008-2013 he continued at the GIS as a research scientist and drove an interdisciplinary programme at the interface of structural biochemistry, genomics and stem cell biology.

In 2013 he joined the GIBH as principle investigator. His main interests are to decipher the code that regulates the activity of genes and to direct cellular identities with engineered proteins.

Dr Jauch, what brought you to China and what are your plans for the future?

I've been in Guangzhou for two years. In parts I got inspired by a Spanish colleague who is one of the most successful scientists at the institute, and a bit of a role model for us foreign scientists.

By now I've lived in Asia for almost ten years. Previously I worked in Singapore for 7 years and when I decided to move on and look for independent investigator positions I focused my job search on regional centers. I wanted to go somewhere that is expanding; I did like Asia's dynamic environment. I felt that some of the more established environments would offer me fewer opportunities to grow and the grind through the academic hierarchies would be slower.

Our institute does have a name in its focus research area (stem cells biology) and an attractive research infrastructure. Although it is still young, it has done some impactful work. The dynamic environment and the fact I could really do what I wanted and work in a completely independent fashion is what brought me here. We have contracts for 5 years; there is no classical tenure track system at this institute.

What Chinese sources do you get funding from? What are their strengths and limitations?

Our institute belongs to CAS but at the same time is sponsored by the city of Guangzhou as well as the Guangdong Province. My start-up funding came predominantly from institutional core funding provided by the city government. Currently my lab has funding from the CAS 100 Talent Scheme, from the NSFC and from the MoST, so our projects are funded by three sources. Our funding with MoST is a European collaborative scheme that we submitted jointly with a German Max Planck Institute. The NSFC is a dedicated domestic research project funding.

Are there provincial funding programmes you are taking advantage of?



Dr Ralf Jauch is supported by a 2013 MOST China-EU Science and Technology Cooperation Program, by the National Natural Science Foundation of China and a 100 Talent Award of the Chinese Academy of Sciences. **Learn more on Dr Jauch's [website](#).**



The **Guangzhou Institute of Biomedicine and Health (GIBH)** is a young scientific institute established in 2003 by the **Chinese Academy of Sciences (CAS)** in partnership with the **City of Guangzhou and Guangdong Province**. The mission at GIBH is to “serve the citizens of China and the world by integrating the biological and chemical sciences for the improvement of human health.” In addition to championing **basic science and academic exploration**, its primary objective is **regenerative biomedicine and drug discovery research** and the advancement of new therapeutics into clinical trials.

Find careers at GIBH for European scientists:
<http://english.gibh.cas.cn/about/career/>

Except for the start-up funding, all my current grants are from the central government. We do increasingly look into the regional funding. I have two pending application for grants from Guangdong province. However, to me as a foreigner, the provincial funding schemes appear less regular and somewhat harder to apply for as individual PI as say the NSFC with rather clear guidelines. But the provincial grants can be substantial in volume.

Attracting funding is always a major headache for any PI. It is surely something I am worried about—but I see a lot of opportunities and currently my lab does not suffer funding limitations. I don't have the statistics but I think the success rate here is higher than in many other places.



Dr Jauch with his students at CAS GIBH

Are there any non-funding issues you find challenging?

The biggest one is the language. I heard cases that to the NSFC, you can now submit your proposal in English, but otherwise we must translate everything. I can't read even the guidelines and I can't double-check the final version of the grants I submit either. I rely on others - my Chinese lab manager or Chinese colleagues help me out a lot. I have a feeling there is a trend to make this easier, with the NSFC taking the lead.

Another issue would be importation of biological materials and visas which, compared to Singapore, is more complicated here. The rules are evolving very rapidly. There are no clear guidelines on what documents are required. This information is hard to find and we often don't know whom to ask. Having said that, I am currently having six foreign researchers in the lab on various roles meaning we did a good job processing the paperwork.

Do you have any recommendations in what should be improved in EU-China mobility?

In terms of financing the trips, there are a lot of schemes in places. Some counselling on visa procedures to make the trip happen would be great, and we need a platform that contains a unified source of information we can turn to.



What is also needed is advertising projects and funding possibilities. EURAXESS already does that greatly, and we should take this advantage to draw attention to our projects and graduate students to identify interesting students in Europe. Over 400 China Scholarship Council scholars go to Germany every year - we need to work on traffic in the other direction and bring more Europeans to China.

Dr Jauch, thank you very much!

3 EURAXESS Links Activities



EURAXESS Links Network Newsletter

EURAXESS Links is the worldwide outreach section of the EURAXESS network and has offices in Brazil, North America, India, South East Asia, Japan and here in China of course.

In addition to our monthly China newsletter we invite you take a look at our quarterly EURAXESS Links Network newsletter that gives you an update on how the whole worldwide project is going. **You can find it [here](#). Read:**

- 8 reasons why you should come to Europe for a research career
- Highlights from EURAXESS Links activities around the world
- Forthcoming EURAXESS Links activities



Event report: Reflections on PhD and Researchers' Mobility

On 20 November, more than seventy researchers gathered at the Marriott Northeast for an afternoon workshop organised by EURAXESS and the Royal Dutch Embassy.

Representatives of Chinese and European universities, Sino-European institutions (Sino-Denmark Centre in Beijing, Research Council UK) and embassies (Norway, Austria, France, the Netherlands, Belgium, EU Delegation, Switzerland, and Denmark) took part in this lively workshop, moderated by David Pho, Education Counsellor at the Royal Dutch Embassy. The event was kicked off with a keynote speech by Ms Liu Jinghui, Secretary General of the China Scholarship Council, the biggest provider of scholarships to students (incl. PhDs) and researchers and therefore a huge contributor to EU-China mobility.

Next, Dr Shen Wenqin, Associate Professor of Higher Education at the Graduate School of Education, Peking University, presented the findings of EU-China DOC, an Erasmus Mundus funded project comparing doctoral education system, their perceptions and challenges between Europe and China.

On behalf of EU-China DOC, we would like to invite all participants and your network contacts to join the impact assessment of the EU-China DOC project via [this online link](#). EU-China DOC aims at enhancing the visibility of European higher education and strengthening the dialogue and cooperation with Chinese stakeholders in the field of doctoral education. The aim of this survey is to understand to what extent you have been informed of this project and to what extent the project activities and results may have an influence on you or your institution in the field of doctoral education.

The third presentation was delivered by Mr Cao Kai from S&T Talent Center, MoST affiliated agency. Cao Kai presented the findings of a joint EU-China study funded by the Policy Dialogue Support Facility (PDSF), the first of its kind tracking the movement and numbers of researchers between Europe and China.

Finally, Ms Andrea Strelcova from EURAXESS gave the audience an overview of EU funding for EU-China mobility (Erasmus+, MSCA and ERC) and European Research Area.

In the second half of the afternoon, Prof Samantha Jenkins (Hunan Normal University in Changsha), Ms Lin Goethals (PhD student at Ghent University) and Dr Shen Wenqin (Associate Professor at Peking University) stirred the discussion with their short interventions in a panel discussion moderated by Prof Babak Javid (Tsinghua University, School of Medicine). Together they debated a series of statements related to researchers' mobility and advancing your research career in China, as opposed to Europe.

For those who missed out and would like to see the presentations, send us an email. We will also post the slides online as all speakers have agreed to share them.



Panellists during discussion (from left): Babak Javid, Shen Wenqin, Lin Goethals and Samantha Jenkins





4 News & Developments

4.1 EU & Multilateral Cooperation

New EU-Hong Kong Research and Innovation Collaboration

On 10 November, the **Research Grants Council of Hong Kong and the European Commission** reached a ground-breaking agreement to set up a collaboration scheme for research and innovation which will allow co-funding of Hong Kong researchers in the EU Framework Programme Horizon 2020.

With an annual budget of HK\$ 9 million for the benefit of Hong Kong researchers, the collaboration scheme will strengthen the relations between the EU and Hong Kong research communities in areas of mutual interest in order to achieve world-class scientific and technical results leading towards new and innovative technologies. Read more in the press release [here](#).

12th EU-China Joint Steering Committee in Beijing

The 12th EU-China Joint Steering Committee on Science and Technology Cooperation took place in Beijing on 30 October 2015 under the co-chairmanship of the European Commission Director-General for Research and Innovation Robert-Jan Smits and the Chinese Vice-Minister for Science and Technology (MOST) Cao Jianlin. ([EC International Research Update](#))

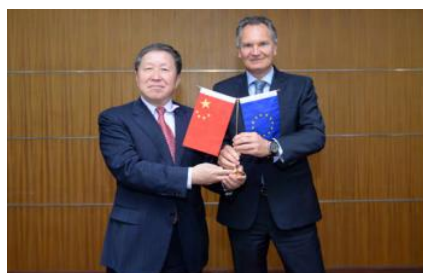


Photo: Director-General for Research and Innovation Robert-Jan Smits and the Chinese Vice Minister for Science and Technology Cao Jianlin

Cooperation on Sustainable Urbanisation between China and Europe

China-Europe collaboration in Sustainable Urbanisation is basically backed by the EU-China Urbanisation Platform, where China and Europe started their overall strategic cooperation in 2012. As response to the political commitments from China, the European Commission is offering a package of concrete funding opportunities: at EU level with Horizon 2020 and the Belmont Forum and at EU Member State level with the JPI Urban Europe initiative, in order to increase the international visibility and scientific excellence of European urban research, technological development and innovation.

On October 28th, 2015, about 70 experts from China and Europe met in the Sino-German Center for Research Promotion in Beijing, China, to talk over future trends in Sustainable Urbanisation and to discuss efficient ways of collaboration between China and Europe with respect to the current fast urbanisation developments in China, including also the possibilities of future



joint calls and systematic exchange of experiences and learning from the past.
([Dragon Star+](#))

Commission launches new mechanism to strengthen scientific advice for policy making

The European Commission's new Scientific Advice Mechanism (SAM) is officially launched with the announcement of the seven leading scientists who will form the first High Level Group of scientific advisors. Together with a six million euro grant to European academies and learned societies, this marks a new approach to the use of independent science advice in Commission policy making.

[Read more](#) (Source: European Commission)

Commission to open Global Earth observation data



The European Commission, a founding member of the [Group on Earth Observations \(GEO\)](#), has subscribed in Mexico to the 2015 - 2025 implementation plan of the [Global Earth Observation System of Systems \(GEOSS\)](#). The 10-year Strategic Plan will provide open access to earth observation data from anywhere in the world to decision makers, researchers and innovators.

[Read more](#) (Source: European Commission)

ERC grantees meet business angels



The ERC and nine of its funded Proof of Concept projects take part in the European Business Angel Network (EBAN) Winter University from 16 to 18 November in Copenhagen. Investors from all over the world will attend, which provides an opportunity for researchers to interact with industry and attract investments into their start-ups and innovative frontier research.

[Read more](#) (Source: European Research Council)

Commission signs Atlantic Ocean Research Cooperation declaration with Brazil and announces a coordinated call on biofuels

The European Commission and the Brazilian government signed in Rio a joint declaration for Atlantic Ocean Research to enhance marine cooperation between Europe and Brazil. The agreement follows the celebration of the EU-Brazil high level conference which aims to develop common expertise and scientific knowledge on the Atlantic Ocean and its dynamic systems, provide a new momentum for enhancing marine cooperation between Brazil and Europe and discuss how to further engage in joint research projects and improve reciprocal access to infrastructures.

[Read more](#) (Source: European Commission)



Conversation between José Goldemberg, President of FAPESP, on the left, and Carlos Moedas, during the "Open science, open innovation, openness to the world" conference



Independent experts present evaluation report on the EU's 7th Framework Programme for Research

Carlos Moedas, Commissioner for Research, Science and Innovation, received the report of the independent High Level Expert Group (HLEG) that has evaluated the EU's Seventh Framework Programme for Research and Technological Development (FP7).

The report was presented in Brussels by the Chair of the Group, Louise O. Fresco, President of the Executive Board of Wageningen University and Research Centres, accompanied by the Group's Rapporteur, André Martinuzzi, Head of the Institute for Managing Sustainability, Vienna University of Economics and Business.

[Read more](#) (Source: European Commission)

If you build it, they will come: Can big science make a science city?

Lund aims to spawn a cluster around two new science facilities. No doubt the MAX IV synchrotron and the European Spallation Source will attract scientists, but it takes more than labs alone to create a full-blown cluster.

Local politicians and researchers in Lund are calling it Science Village Scandinavia, but the ambitions belie the village tag, with hopes that the city's two new and expensive science facilities will attract global interest from science and industry.

MAX IV, one of the most advanced synchrotron X-ray light facilities in the world, will open its doors in the Village next year. Just down the road a €1.8 billion neighbour, the European Spallation Source (ESS) is now under construction and will begin operations in 2020.

Close by is Lund University. Its vice-chancellor, Torbjörn Von Schantz, was at a meeting of more than 100 scientists and politicians in Brussels this week to talk up the prospects of creating a cluster around the new facilities, which Von Schantz says will be a honeypot for talent from around the world.

[Read more](#) (Source: Science I Business)

Preserving data privacy while enabling research

A new petition fights the cause of scientists in allowing some exemption for research in the revised Data Protection Regulation.

The initial draft of the Data Protection Regulation proposed in 2012 by the European Commission set out a mechanism to protect privacy. At the same time, it was designed to enable health and scientific research to continue.

However, following Edward Snowden's leaks about the use of personal data by the US National Security Agency, the European Parliament has sought to strengthen protections for data across all sectors. We know that in doing so the Parliament did not intend to harm progress in research. But research has become an unfortunate inadvertent victim of this reaction.

[Read more](#) (Source: EuroScientist)





4.2 EU Member States*, China & Bilateral Cooperation

Germany: New China strategy of the Federal Ministry for Education and Research 2015-2020

The collaboration in research and education between Germany and China are intense. There are more than 1,100 university cooperations and German research institutions and companies work closely with Chinese partners.

The China strategy is the result of intensive discussions. Several thematic expert circles, staffed with experts from research, science and industry, contributed to the development of the strategy. Based on the expert analysis and recommendations for action, the BMBF has defined nine areas of action for future cooperation with China, which will be concretised by a set of 35 measures. You can download the strategy paper (in German) [here](#).

Finland: China's leading teacher education university to cooperate with Finnish universities

Beijing Normal University, China's leading teacher education university, signed on Monday, 16th of November, two documents with University of Helsinki to strengthen its cooperation with Finnish universities. Mr. Hao Ping, the Vice Minister of Education of China, and Ms. Anita Lehtikainen, the Permanent Secretary of the Ministry of Education and Culture of Finland, witnessed the signing ceremony. ([Finland.cn](#))

France: Subscribe to a new newsletter on Franco-Chinese Research and Innovation!

The Office for Science and Technology the Chinese embassy of France released the first issue of its new newsletter "Science and Technology in China."

Aside of regular news and briefings and insights into a particular thematic area, newsletter will let you follow events invitations and calls for projects. Every 6 weeks you will find latest research news on Franco-Chinese research innovation.

In honour of the COP21 to be held from 30 November to 11 December in Paris, the first issue is devoted to climate change. In addition to news, you will find a reminder of the history of this cooperation and a focus on eco-city of Wuhan Caidian. Find out more and download the newsletter [here](#).

* Including countries associated with Horizon 2020.



United Kingdom: UK Science and Innovation Network Publishes a Country Snapshot for China

UK Science and Innovation Network has published an introductory brief which covers the local Science and Innovation landscape, UK priorities and successes in China. **See the report [here](#).**

LOOKING FOR FUNDING?

To find out more about **EU funding opportunities** for your research or innovation project please visit the [European Commission's Participant Portal](#) where all calls are published.

International researchers are also invited to join the [database of independent experts](#) for European research and innovation. Distinguished specialists are strongly encouraged to join the database of independent experts, through which they can participate in the evaluation of project proposals and monitoring of actions, submitted under Horizon 2020.

5 Grants & Fellowships

5.1 EU: Call announcements for international researchers

EU: Horizon 2020: New Work Programmes 2016-2017 released

Click [here](#) and access all open calls on the [Horizon 2020 Participant Portal](#). See the list of **targeted topics for China** [here](#).



EMBO [Courses and Workshops](#)

EMBO offers the largest number of life science events in Europe. EMBO Courses & Workshops funds approximately 80 events attracting more than 8,000 participants every year.

Funding is available to organize conferences, EMBO | EMBL Symposia, workshops, EMBO | FEBS Lecture Courses, Global Exchange Lecture Courses and practical courses, as well as for keynote lectures. [Travel grants](#) support the attendance of participants from countries with less-developed scientific infrastructures. EMBO assists the organizer with the design of a poster, set-up of a website and registration system, and with promotion of the event.

Next deadline : **1 March 2016**



European Respiratory Society (ERS) Long-Term Research Fellowships

Long-Term Research Fellowships (LTRF) enable investigators and clinicians in the early stages of their career to carry out basic, translational or clinical research projects. Through this experience, young scientists learn and apply advanced research procedures and techniques not available at their home institute.

Fellowships are between 6 months (minimum) and 12 months (maximum).

WHO? Candidates holding a university degree in any field related to respiratory medicine (MD, MSc, PhD, MD-PhD).

Deadline: **31 January 2016**.

ERS Short Term Fellowships

The ERS allow young scientists and clinicians to visit a host institution in Europe. Short term stays of 1-3 months are supported.

Next deadline: **1 April 2016**.

New ERC call open: ERC consolidator grant

WHAT? ERC Consolidator Grants are designed to support **researchers at the stage at which they are consolidating their own independent research team or programme**.

WHO? This action is open to **researchers of any nationality** who intend to conduct their research activity in any Member State or Associated Country.

The ERC's frontier research grants operate on a 'bottom-up' basis without predetermined priorities. The call 'ERC-2015-CoG' consists of one call with a single deadline applying to each of the three main research domains:

- **Physical Sciences & Engineering;**
- **Life Sciences;**
- **Social Sciences & Humanities.**

The deadline for all domains of this call is **2 February 2016**. More details are available [here](#).

ERC Consolidator Grants in brief:

- For researchers of **any nationality** with **7-12 years of experience** since completion of PhD (or equivalent degree) and scientific track record showing great promise
- An excellent research proposal



- **Research must be conducted in a public or private research organisation** located in one of the EU [Member States](#) or [Associated Countries](#) (including Switzerland)
- Funding per grant: **up to € 2 million** (in some circumstances up to € 2 million)
- Duration: **up to 5 years**
- Sole evaluation criterion: scientific excellence of researcher and research proposal
- Calls for proposals: published once a year

Note: participation of team members from other countries:

ERC grants support projects carried out by an individual researcher who can employ **researchers of any nationality as team members**. It is also possible to have one or more team members located in a non-European country.

Vacancies for team members of an ERC project can be published by the Principal Investigator on the [EURAXESS Jobs portal](#).

MSCA Research and Innovation Staff Exchange

Please find attached information on the European Commission-funded MSCA Research and Innovation Staff Exchange Programme (RISE)

The call **will open on 8 December 2015**.

This action is meant for organisations such as universities, research centres or companies – that propose a short term exchange to their staff. Proposals should include at least three partners, which can be universities, research institutions, or non-academic organisations. Small and medium-sized enterprises (SMEs) are encouraged to participate.

Partner organisations should be from three different countries. At least two of these should be from the EU or associated countries. Partners from ASEAN are eligible to join.

Partners get together and propose a joint project. Proposals should highlight networking opportunities, sharing of knowledge and the skills development of staff members.

Research staff of any nationality and any career level (postgraduates to experienced researchers) can undertake a secondment. Staff members working in managerial, technical or administrative roles can also be seconded.

The deadline will be **28 April 2016**. Details will be published on the [H2020 Research Participant Portal](#) on 8 December 2015.





Erasmus+: New Work Programme and Guidelines for 2016

The new Erasmus+ programme aims to support actions in the fields of Education, Training, Youth and Sport for the period 2014-2020. Erasmus + provides grants for a wide range of actions and activities in the fields of education, training, youth and sport. The programme gives opportunities to students, trainees, staff and volunteers to spend a period abroad to increase their skills and employability. It supports organisations to work in transnational partnership and to share innovative practices in the fields of education, training and youth. **The 2016 Erasmus+ Call for Proposals, Programme Guide, and Annual Work Programme have been published.**

European Young Researcher Awards (EYRA)

The Award is granted each year; in odd years, the prize is dedicated to PhD candidates, and in even years to post-doctoral fellows. The prize-giving-ceremony is held every two years at the EuroScience Open Forum (ESOF) where the two recipients will present their work. In 2016 the forum will be held in Manchester (UK) from July 23 to July 27. The Award consists of a Certificate, waiving the participation fee to ESOF, a grant to cover travel and accommodation for the stay in the ESOF city and a two years' free EuroScience membership. The deadline for the 2016 call, dedicated to post-doctoral fellows, is February 1st, 2016. More information [here](#).

Europe: ERASMUS Life Long Learning: International Certified Strategist

Take part in an international course taught by business professionals from five European countries, with more than 15 years of experience each in the fields of future studies and strategy. In order to successfully cope, companies need to understand their current business environment, and visualise future developments.

The ICFS is targeted at companies and organisations wishing to build the necessary in-house expertise for developing futures perspectives and strategy, and at individuals who want to learn and develop these skills. The course is a tailored executive education programme with an emphasis on learning in an international environment. The course is best suited to individuals in management positions, who have a responsibility to shape and enhance strategic thinking within their company. The ICFS programme duration is around 5 months, with 4 modules of 3 days face-to-face teaching each. The course will be held one to two times a year and admits about 20 participants.

The 2016 ICFS will be held in Stockholm. Apply on www.certifiedfuturestrategist.com.

Erasmus+ Joint Master Degree in AquaCulture, Environment and Society (ACES)

Up to 25 fully funded scholarships will be available (on a competitive basis) for the next academic year of the ACES programme, 2016-2018



Students will be taught by a team of international experts, have the chance to study in three fantastic locations throughout Europe and gain the skills required to address an issue of global importance: food security through sustainable aquaculture production.

A fantastic opportunity has arisen for students which will allow them to

1. Study at 3 European Centres of Excellence for Aquaculture studies - Scotland, Greece and France;
2. Work closely with industry and business in the world of Aquaculture; and
3. Gain a Master degree through a highly prestigious European education programme supported by Erasmus Plus (previously Erasmus Mundus)

Moreover, our fees are highly competitive fees - (4,500 Euros (EU) and 9,000 EU (international students)

Up to 25 fully funded scholarships will be available (on a competitive basis) for the next academic year of the ACES programme, 2016-2018

5.4 EU Member States*: Call announcements for international researchers



CERN is proud to be involved in **COFUND** a European Commission Horizon 2020 Marie Skłodowska-Curie Action

CERN fellowship programmes

The European Organization for Nuclear Research (CERN) is offering:

- [Fellowship and Graduate Engineering Training \(GET\)](#) targeting **researchers in physical sciences and engineering graduates**. Open to nationals of CERN Member States. There are two levels of fellowship within the programme: **the Senior Fellowship Programme**, addressed to people with a PhD or at least four years of experience; and **the Junior Fellowship Programme**, for holders of at least a Technical Engineer degree (or equivalent) and at most a M.Sc. degree (or equivalent) with not more than 4 years of experience. Deadline to submit applications: **1 March 2016**
- [Non-Member State Postdoc Fellowship Programme](#): Postdoc opportunity for young scientists in **Theoretical Physics** from Non-Member States. Deadline: **15 October 2015**.
- [Doctoral student programme](#) to spend 6 to 36 months doing thesis research at CERN in **Applied physics, IT, mathematics, electrical, electronic, mechanical or civil engineering, instrumentation for accelerators and particle physics experiments, materials science, radiation protection, safety and environmental protection, science communication, surveying, ultra-high vacuum**. Open to [CERN member states nationals](#), Romanian, Serbian and researchers,

* Including countries associated with Horizon 2020.



including Brazilians, residing in a member state for the last 5 years.
Deadline for application: **26 April 2016**.

- [Post Career Break Fellowship](#): full-time or part-time Fellowships to science and engineering graduates wishing to re-start their careers. Deadline : **1 March 2016**.
- [Studentships in Summer 2016 \(Non Member State Nationals\)](#) for undergraduate and junior post-graduate students of physics, computing and engineering to work in experimental teams, attend a series of lectures, visit the CERN facilities and attend discussion sessions and workshops. Attendance requires a presence of 8 weeks on site. Deadline : **27 January 2016**.

[EUI Special Doctoral Fellowships](#)

The European University Institute (EUI) Special Doctoral Fellowships has been setup to allow candidates from non-member countries to apply to its PhD programmes in Economics, History and Civilization, Law, and Political and Social Sciences.

Fellowships cover full funding of the PhD courses and monthly stipend for the whole programme (4 years).

WHO? Candidates must have successfully completed a Master's or equivalent degree (before 31 August 2016) in an academic discipline relevant to the doctoral programme of the department and the research proposal. Applicants are required to submit an English international language certificate to demonstrate their level. Find more information [online](#). Deadline: **31 January 2016**.

EU Member States and Associated Countries

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**:

[Albania](#), [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](#), [Spain](#), [Sweden](#), [Switzerland](#), [Turkey](#), [UK](#).

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.



AUSTRIA – [Marietta Blau outgoing PhD Grant](#)

The Marietta Blau Grant offers financial support for carrying out the abroad part (6-12 months) of a doctoral programme at Austrian universities: the grant enables scientific research worldwide in the following fields:

- Natural Sciences
- Technical Sciences
- Human Medicine, Health Sciences
- Agricultural Sciences
- Social Sciences
- Humanities

Monthly grants of 1200 Euros are given under this programme. The next application deadlines are **1 February and 1 September 2016**.

AUSTRIA – [Ernst Mach Incoming Grant](#)

The Austrian government awards Ernst Mach Grants to **postgraduates, PhDs, postdocs and lecturers from all over the world** to conduct studies in Austria for one to 9 months in the following fields:

- Natural Sciences;
- Technical Sciences
- Medicine
- Agriculture
- Social Sciences
- Humanities
- Arts

Applicants must not have studied/pursued research/pursued academic work in Austria in the last six months before taking up the grant. Maximum age: 35 years.

Deadline to apply for the academic year 2016-2017 is **1 March 2016**.

AUSTRIA – [Richard Plaschka Incoming Fellowship](#)

Grant for visiting **university lecturers (Postgraduates, PhD holders, researchers) in humanities** (History, Archaeology, Linguistics and Literature, Arts) who are primarily occupied with Austria-related topics.

Recipients of Plaschka grants can work in Austria as visiting researchers **for 4 to 18 months** at university departments and institutes and carry out specialist studies in libraries, archives or at research institutions.

The next application deadlines are **1 March and 15 September 2016**.



AUSTRIA – [Franz Werfel Incoming Grant](#)

Four to eighteen months grants for **young university teachers of German language and Austrian literature** to carry out specialist studies in universities departments, libraries, archives or at research institutions.

The next application deadlines are **1 March and 15 September 2016**.

AUSTRIA – [Erwin Schrödinger Outgoing Fellowship](#) including a return phase

The Erwin Schrödinger programme is co-funded by the European Union.

Post-doctoral fellowships for the promotion of scientific work at **leading foreign research institutions** that facilitate access to new scientific areas, methods, procedures and techniques so as to contribute – following return to Austria – to the further development of science in Austria.

WHO? Young and especially highly qualified scientists of any discipline

Length: 10 to 24 months without return phase; 16 to 36 months including return phase of 6 to 12 months.

Applications accepted continuously, **no application deadlines**.

AUSTRIA - [Lise Meitner Programme for Scientists from Abroad](#)

WHO? Highly qualified scientists of any discipline who could contribute to the scientific development of an Austrian research institution by working at it. Requirements: completed doctoral studies, international scientific publications, no age limit, invitation from an Austrian research institution.

Applications must be submitted together with an Austrian co-applicant. The call is constantly open.

BELGIUM (Wallonie-Bruxelles) – Incoming and outgoing doctoral and postdoctoral Scholarship for Excellence [IN.WBI](#) & [WBI.World](#)

The programme is open to foreigners wishing to enrol in a **doctorate or post-doctorate programme in a University of Wallonia-Brussels** in the following fields:

- Transport and logistics;
- Mechanical engineering;
- Life sciences;
- Agro-industry;
- Aviation-space;
- Environmental technologies.



Wallonie - Bruxelles
International.be



Other fields may be considered, including human sciences, and fundamental or applied research.

Under the same scheme, fellowships are available for **Belgian or resident students** to follow a doctorate or postdoctorate programme in a university abroad.

Deadline: **1 March 2016** (for long term stays).

BELGIUM (Wallonie-Bruxelles) - [F.R.S.-FNRS Post-doctoral temporary incoming fellowship](#)

This funding aims to finance a research fellowship (up to 3 years) for a non-Belgian PhD holder (with maximum 6 years of experience) coming from abroad to work for a research programme funded by Fonds de la Recherche Scientifique F.R.S.-FNRS. Various Research Fields. This consists of a research grant for a duration of 3 years maximum.

Deadline: **rolling basis**

BELGIUM (Wallonie-Bruxelles) - [Ulysse incoming Mobility](#)

A highly qualified researcher, working abroad for at least 5 years, can come and settle down in a Wallonie-Bruxelles Federation (WBF) university in order to lead a research team. He/she will have an employment contract for 3 years, followed, under certain conditions, by a permanent recruitment at the host university, as well as money to cover the recruitment of staff, the acquisition of equipment and the running costs.

Deadline: **rolling basis**.



Candidates are only eligible for a PhD fellowship within the first five years of obtaining their Master's degree, calculated on the start date of the fellowship (1 October).

BELGIUM (Flanders) - FWO [PhD](#) and [postdoc](#) fellowships

The FWO-Vlaanderen is the **funding agency of Flanders for research performed at the universities in Flanders**.

Incoming [PhD fellowship](#) :

These fellowships are intended for **young EU, ERA and Swiss researchers** who are doing their PhD at a Flemish university are granted for a period of 2 years, renewable once.



With co-financing of the COFUND work programme (No 665501)* within the Marie Skłodowska-Curie Actions (MSCA) of Horizon 2020, the FWO launches a new mobility programme in 2015, entitled '[PEGASUS]², giving wings to your career'. This programme aims to stimulate the international mobility of researchers by attracting excellent postdoctoral researchers to the Flemish Community via incoming fellowships on the one hand, as well as by offering postdoctoral researchers in the Flemish Community the opportunity to carry out part of their research abroad on the other hand.

The PhD research must be fundamental in nature. There is no restriction as regards the topic. The FWO employs a strictly bottom-up approach, in which the researcher can choose the topic of his/her research.

Special PhD. fellowship:

The Special PhD fellowship is intended to enable persons not employed within scientific research to complete a PhD within a year and to obtain study leave from their current employer for this purpose.

Postdoctoral fellowships:

WHAT? The postdoctoral fellowships from the FWO are intended to help researchers who already have a PhD to develop an independent research career. The fellowship is provided for a period of 3 years and can be renewed once if necessary.

WHO? PhD obtained no longer than 6 years ago

[PEGASUS]² Marie Skłodowska-Curie Postdoctoral Fellowships

[PEGASUS]² INCOMING Postdoctoral fellowships

WHO? postdoctoral researchers (Belgians and non Belgians) who obtained their PhD no longer than three years ago.

[PEGASUS]² OUTGOING Postdoctoral fellowships

WHAT ? Outgoing fellowships with a duration of three years intended for postdoctoral researchers of the Flemish Community who wish to carry out research at a foreign research institution or company the first two years of their fellowship, and return to the Flemish Community the third year of their fellowship in order to continue their research activities at the Flemish host institution to which the fellow is affiliated during the entire 3-year fellowship (obligatory return period!).

Deadlines: **1 February 2016.**

FINLAND – Finish Foundations' Outgoing Post Doc Pool

The Säätiöiden post doc-pool covers all expenses of a research period abroad for at least one academic year. The pool grants are intended only for sending post-doctoral researchers abroad from Finland.

Two application rounds per year. Deadline: **15 January 2016.**

FRANCE – CNRS Exceptional Call for Proposals

Following the attacks perpetrated in Paris in November, the CNRS makes a strong appeal for new multidisciplinary research projects capable of exploring all the potential issues and challenges that surround these tragic events, paving the way for durable solutions.

The CNRS will examine all proposals. The objective is to fill unoccupied territory, to answer questions involving several disciplines, to use participative methods



and individual expertise. Each project selected, based on a rigorous, simple and rapid procedure, will be granted financial support so as to yield results as of 2016.

Research projects (3 to 5 pages maximum) must be sent in electronic (pdf) format to: attentats-recherche@cns.fr. Projects will be examined as they are submitted. There is no standard form.

***LE STUDIUM® Loire Valley Institute for Advanced Studies**, operating in region Centre of France, has as its members the University of Orleans, University François-Rabelais Tours, INSA Centre Val de Loire, ESAD, national research institutions including BRGM, CEA, CNRS, INRA, INSERM and Poles of competitiveness. In total, more than forty laboratories in member structures work with LE STUDIUM®.

LE STUDIUM is co-funded by the European Union Marie Skłodowska-Curie Actions (MSCA).

FRANCE - [LE STUDIUM® incoming programme for senior researchers](#)

The incoming modalities are offered:

- [LE STUDIUM research professorship](#) enables a foreign Professor to participate in postgraduate teaching, research and research team building. The Professorship residence is a period of three months in region Centre for 4 consecutive years (12 months in total). For this programme two laboratories in region Centre or three teams from the same laboratory need to be involved.
- [The LE STUDIUM research fellowship](#) is designed to attract internationally competitive researchers for at least one year. An average of twelve awards are available in this campaign. Experienced international researchers are eligible to submit an application after having negotiated their acceptance to a host laboratory and/or host enterprise.
- [LE STUDIUM research consortium](#) award enables the creation of a virtual team of five researchers (one researcher from region Centre). This team meets for a full week twice a year over 2 years (4 meetings in total). The consortium should have a well-defined objective, a research work plan to implement and to achieve milestone goals between meetings.

WHO? Senior international researchers that are in possession of a doctoral degree and have at least five years of full time equivalent research experience. Applicant researchers must be national or long-term resident of a country other than France and must not have resided or carried out their main activity (work, etc.) in France for more than 12 months in the 3 years immediately prior to the deadline for submission of proposals.

Deadlines: **8 February 2016.**

GERMANY - [Postdoctoral Researchers International Mobility Experience \(P.R.I.M.E\)](#)

The German Academic Exchange Service (DAAD) offers a **new funding programme** - co-financed by the Marie Curie Programme of the European Commission - for **outstanding postdoctoral researchers from all disciplines and nationalities**. The funding consists of **salaries** instead of scholarships.



Funding is provided for 18 months, in which 12 months have to be spent abroad and 6 months (re-integration phase) at a German university. The re-integration phase is mandatory.

Applications may be submitted before completion of the PhD. The PhD must, however, be completed before the start of the funding period.

Deadline: **1 February 2016.**

GERMANY – [PhD fellowships in organismal biology](#)

WHAT? The International Max Planck Research School (IMPRS) for Organismal Biology offers two 3-year fellowships for PhD projects in Organismal Biology. A maximum of 3 months abroad per year (and a total of 9 months abroad) can be funded.

WHO? Non-German citizens not living in Germany for more than 15 months prior to application. Applicants must have graduated from a minimum 4-year study program, with comprehensive scientific work in Biology or a related field.

Deadline: **15 January 2016.**

LUXEMBOURG - [INTER Mobility Programme 2016](#)

The aim of the INTER Mobility Programme is to promote **scientific exchange between research groups of the Luxembourg public research institutions and research groups abroad.**

The INTER Mobility Programme allows for **research stays in both directions** (researchers working in Luxembourg to go abroad or for researchers from elsewhere to come to Luxembourg).

More specifically, the FNR intends to support **OUTGOING and INCOMING established senior researchers.**

The minimal duration of an FNR-funded research stay is 6 weeks. The total cumulated duration of the research stay is limited to 1 year.

The next application deadline is **20 January 2016.**

LUXEMBOURG - [ATTRACT 2016](#)

WHAT? The ATTRACT programme by the National Research Fund (FNR) aims to support Luxembourgish research institutions to expand their competences in strategic research areas by **attracting outstanding young researchers with high potential to Luxembourg.**

The programme is designed **for researchers not yet established in Luxembourg with a PhD and between 2 and 8 years' professional experience**; it offers them the opportunity to set up an independent research



Fonds National de la
Recherche Luxembourg



Research proposals should be submitted jointly by the candidate and the host institution, which has to provide a clear and attractive career track to the candidate.

team within a public-sector research institution in Luxembourg that is willing to host them.

Proposals selected under the ATTRACT programme have a lifespan of five years and the financial contribution by FNR can be up to EUR 1,500,000 or EUR 2,000,000 for 'Starting Investigators' or 'Consolidating Investigators', respectively. Following a successful final evaluation, the applicant can transition to the next career stage and obtain tenure (if not already the case) and promotion.

Projects submitted should be innovative and of high scientific quality.

Deadline for pre-proposal: **15 January 2016**.

NETHERLANDS-Innovational Research Incentives Scheme Veni

The Netherlands Organisation for Scientific Research (NWO) launched a call under its Innovational Research Incentives Scheme Veni.

WHAT? grants of EUR 250,000 to conduct independent research for a period of **three years**. **All fields** are covered by this scheme.

WHO? The grant is open to **researchers who have recently obtained their PhD** (within the last three years). Researchers from outside the Netherlands can apply, but the project to be funded should be carried out at a Dutch institution recognised by NWO.

Deadline: **5 January 2016**.

NETHERLANDS: Lorentz Center International Workshop Funding

The Lorentz Center, located at the University of Leiden, is an international center that coordinates and hosts interactive workshops. These are often in the domain of the sciences, but interaction with and broadening towards the humanities is encouraged.

The Lorentz Center organizes **international workshops in the sciences and encourages the interaction towards the humanities**. It encourages ground breaking innovative research, also in relation to the grand societal challenges. It focusses on stimulating new collaborations and interactions between scientists from different countries and fields, also outside the academic community. The center stimulates active participation of both junior and senior scientists and scholars. Deadline **15 January 2016**. More information is [here](#).

SWITZERLAND – Outgoing fellowships

The Swiss National Science Foundation (SNSF) offers:



- [Doc.mobility](#): 6 to 18 month fellowships or doctoral students who wish to enhance their scientific profile by working at a research institution abroad. Deadlines: **1 March & 1 September**
- [Early Post-doc.Mobility](#): 18 month fellowships for postdocs at the beginning of their career. Deadlines: **1 March & 1 September**
- [Advanced Postdoc.Mobility](#) enabling **advanced postdocs** to conduct a 12 to 36 month-research stay abroad with the option of a return phase at a research institution in Switzerland. Eligibility requirements include having obtained a doctorate (PhD) or medical training with a doctorate (MD) and **at least 1 year's experience as a postdoc. Deadlines: 1 February & 1 August**

These mobility fellowships are for Swiss nationals or permanent residents

Common requirement: **Swiss nationality**, valid permanent residence, residence or cross-border commuter permit, or marriage resp. registered partnership with a Swiss national. For **persons with foreign nationality, at least 3 years of research activity at a Swiss research institution** are required.

SWITZERLAND - [Swiss National Science Foundation \(SNSF\) Ambizione](#)

Incoming

PhD + 5 years or 3 years of clinical experience for medical practitioners

Ambizione, Ambizione-PROSPER and Ambizione-SCORE grants are aimed at young researchers with a PhD in all disciplines from all countries who wish to conduct, manage and lead an independent project **at a Swiss higher education institution**.

The grants comprise the salary and project funds for a maximum of three years. Deadline: **12 February 2016**.

THE UNITED KINGDOM: [Newton Fund – Researcher Links](#)



Call is now open for applications for grants to run international research workshops for **UK and Chinese researchers, as part of Researcher Links**.

Researcher Links Workshops **bring together early-career researchers from the UK and a partner country** to allow them to make international connections that can improve the quality of their research. Once funded, grants are available for early-career researchers in the UK and the partner country to attend.

THE UNITED KINGDOM: [Newton Fund: China-UK research and innovation bridges competition](#)

Innovate UK, the **Research Councils UK (RCUK)** and the **Ministry of Science and Technology (MoST) for the People's Republic of China** are to invest up to £16 million in collaborative research and development projects that propose new commercial solutions to critical challenges impacting the socio-economic growth and development of China in relation to **energy, healthcare, urbanisation and agri-food. Deadline 16 March.**



THE UNITED KINGDOM: [Newton Advanced Fellowships](#) and [Newton Mobility Grants](#)

Newton Advanced Fellowships provide early to mid-career international researchers who already have a track record with an opportunity to develop their research strengths and capabilities, and those of their group or network, through training, collaboration and visits with a partner in the UK. Deadline **9 December 2015**.

Newton Mobility Grants provide support for international researchers based in a country covered by the Newton Fund to establish and develop collaboration with UK researchers around a specific jointly defined research project. These one-year awards are particularly suited to initiate new collaborative partnerships, between scholars who have not previously worked together, or new initiatives between scholars who have collaborated in the past. Deadline **9 December 2015**.

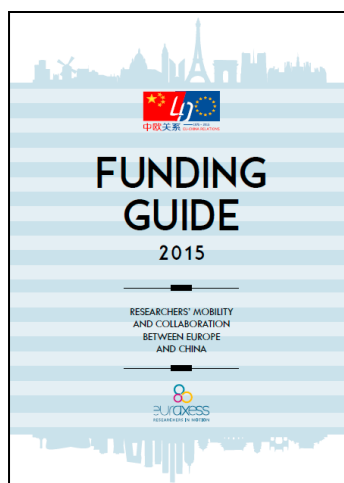
INTERNATIONAL - [Society in Science: the Branco Weiss Postdoctoral Fellowship](#)

WHO? Young researchers of any nationality (no more than 5 years of research experience after the completion of their doctoral degree) may apply for a fellowship for up to five years, **working at an academic institution of their choice anywhere in the world**. Ideally, fellows pursue unconventional projects in new areas of science, engineering and social sciences.

Deadline: **15 January 2016**.

5.5 Calls still open

Calls first announced in [previous editions of the newsletter](#)



EURAXESS Funding Guide

You can browse through a **wide array of European-level funding**, dozens and dozens of **national funding schemes**, plus a number of **Chinese funding schemes open to Europeans**. Feel free to forward it to your colleagues, friends in research-related fields all your students. We can also mail you a printed copy if you are interested. [This is the link to the downloadable PDF.](#)

From European Commission funding, opportunities offered by all EU Member States and Associated Countries – download the Funding Guide.



Other open calls

EMBO Courses and Workshops

Funding is available for [Global Exchange Lecture Courses](#) and [practical courses](#), as well as for keynote lectures and [travel grants](#).

[Click here for further details.](#)

Austria: Vienna IST PhD Programme

Deadline: **8 January 2015** Further information is available [here](#).

France: Postdoctoral fellowships of the Franco-Chinese Foundation for Science

The application deadline for this edition 2016 is set for **December 31, 2015**.
Read more at the [website of the embassy of France](#) (in French).

France: Discover China, Cai Yuanpei and Xu Guangqi

As part of the development of Sino-French scientific cooperation, a package of researcher mobility support programs are being implemented: Discover China, Xu Guangqi, Cai Yuanpei

Discover China: Deadline 11 January 2016

Cai Yuanpei Deadline 22 February 2015.

Xu Guangqi Deadline 18 January 2015.

Read more at the [website of the embassy of France](#) (in French).

France: COOPOL Innovation Program - Launch of the call for proposals 2016

The ninth edition of COOPOL Innovation program is now open. Candidates have until 18 January 2016 to submit their projects. **Read more at the [website of the embassy of France](#) (in French).**

Luxembourg: ATTRACT for foreign researchers

5 years and receive up to EUR 1.5 million or EUR 2.0 million for the “Starting Investigators” or “Consolidating Investigators” respectively. Deadline: **15 January 2016** Further information [here](#).

Sweden: VINNMER Marie Curie Incoming Fellowships





Fellowships are awarded for 12 – 36 months, details [here](#). Deadline **16 March 2016**.

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

The application deadline depends on the offer. More information [here](#).

Poland: New Fellowship Program POLONEZ for incoming researchers to spend 12-24 months in Polish host institutions **Deadline 15 December.**

See more information about the [Polish National Science Center at their website](#) and contact details for more info about the call in this [pdf](#).

Portugal: Grants for Sabbatical Leave.

All research fields and nationalities are eligible. The call is permanently open, information (in Portuguese) can be found [online](#).

Switzerland: Swiss National Science Foundation: International Short Visits

Next deadline: Anytime. More information is [online](#).

Turkey: TÜBİTAK Programme 2221 - Fellowships for Visiting Scientists and Scientists on Sabbatical Leave

Applications accepted on a rolling basis. Further information [here](#).

United Kingdom: Investigator Awards

[Investigator Awards](#) Funding for world-class researchers and clinicians with a compelling long-term vision for their research. Details of [funded Investigator Award recipients](#) and the areas they are working in. Next full application deadline: **6 November 2015**.

United Kingdom: 250 Great Minds - University Academic Fellowships

The University of Leeds wants to recruit **250 outstanding University Academic Fellows**. Visit dedicated website <http://250greatminds.leeds.ac.uk/>

The UK/Wales: Strengthening International Research Capacity in Wales (SIRCIW) – a Marie Skłodowska- Curie Actions (MSCA) COFUND Fellowship Scheme



Applicants must have a PhD with three to five years postdoctoral experience, and should not have worked more than 12 months in the UK in the last three years. Up to **90 fellowships** in Wales, more [SIRCIW website](#).

Other useful websites for EU fellowships and funding:

- [Find A Postdoc](#)
- [Find scholarships in Europe](#)
- [Find PhDs in Europe](#)
- [Austrian Database for Scholarships and Research Grants](#)
- [Danish Ministry of Higher Education and Science Funding Guide](#)
- [Estonian Research Portal](#)
- [France PhD portal](#)
- [DAAD's Research in Germany Portal](#)
- [DAAD Research Fellowships and Grants Portal](#)
- [Study in Estonia Portal](#)

6 Jobs

There are currently more than **8,000** research jobs available on EURAXESS Jobs. Access thousands of **job and fellowship announcements** in Europe and worldwide on the [EURAXESS Jobs portal](#). You can sort jobs by country, level of seniority, field of research or via free text searches.

You can also attract talent and advertise jobs and fellowships at your organisation, free of charge.

European Commission

EURAXESS Researchers in Motion

European commission > Euraxess > Jobs

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I'm looking for... ? ...in this place ...in this field ?

Enter keyword Country Research field More filters

11420 offers available!



6.1 Jobs in Europe and China

Europe: Job Opportunities for You Supported by Marie Skłodowska-Curie Actions

In addition to [EURAXESS Job Portal](#), which collects different job opportunities for researchers from all over Europe, you might be interested in taking a look at website of Marie Skłodowska-Curie Actions research fellowship which has a section called *Jobs for you..* Take a look at [MSCA website](#).

ERC: Early-Stage-Researcher/PhD positions: Distributed optimization in cyber-physical networks

Early-stage-researcher/PhD positions will be available starting Fall 2015 within the ERC Starting Grant project OPT4SMART. Research will be conducted at the Università del Salento (Lecce, Italy), under the supervision of Prof. Giuseppe Notarstefano. They are looking for **motivated, talented graduate students from all over the world**, who wish to:

- undertake PhD research at the cutting edge of optimization and control in cyber-physical networks;
- contribute to the startup of an excellent, international new research group;
- study in one of the most beautiful Italian cities with a great quality of life. For PhD students, the appointment will be for 3 years with the possibility to extend it up to 2 more years (at PhD or Postdoc level).

Within the PhD program, the PhD student will be required to spend periods abroad to improve her/his education and to foster ongoing collaborations with world-class, international research groups.

About OPT4SMART (Distributed optimization methods for smart cyber-physical networks)

OPT4SMART is a 5 years research project funded under the EU Horizon 2020 excellence program ERC Starting Grant, supporting investigator-driven frontier research on the basis of scientific excellence, [erc.europa.eu](#). OPT4SMART will investigate a novel distributed, large-scale optimization framework and its application to big-data estimation, learning, decision and control problems in cyber-physical networks. More on [EURAXESS Jobs](#) or [here](#).



6.2 Other EU Research Jobs Portals

EU

- [Academic Jobs EU](#)
- [Euro Science Jobs](#)
- [European Job Mobility Portal](#)
- [Careers with the European Union: European Personnel Selection Office](#)
- [Careers with the European Union \(EPSO\), non-permanent positions](#)
- [EuroBrussels- European Southern Observatory \(ESO\) recruitment portal](#)
- [CERN job portal](#)
- [Joint Research Centre external staff recruitment portal](#)

Jobs Portals in Member States and Associated Countries:

- [CEA PhD and Postdoctorate offers portal](#)
- [Belgian Federal Portal for Research and Innovation](#)
- [Cyprus' Research Promotion Foundation Database](#)
- [CNRS external examination portal](#)
- [Max Planck Society's job portal](#)
- [Helmoltz Association's job portal](#)
- [Irish Research Council Funding Portal](#)
- [Italian National Research Council vacancies](#)
- [BBSRC vacancies \(UK\)](#)
- [Science and Technology Facilities Council vacancies \(UK\)](#)
- [Helmholtz Centres \(Germany\)](#)
- [Leibnitz Institutes \(Germany\)](#)

To better plan and organise your stay in a foreign European country, researchers and their families can also benefit of the free and personalised assistance offered by the EURAXESS Services Centres, a network of more than 200 centres located in 40 different European countries.



7 Events

7.1 EURAXESS Links China recommends

CALL FOR PAPERS: 5th Workshop on EU-China Relations in Global Politics: 'EU-Asian Energy Politics in the 21st Century'

Organised on Thursday & Friday, **10-11 March 2016**, this two day Workshop at Hong Kong Polytechnic University will offer policy makers and practitioners, as well as researchers and civil society representatives a platform to exchange best-practices and the latest analyses on EU-Asian energy markets and related challenges and opportunities. [Find the full announcement here.](#)

Thank you for forwarding the CfP to your colleagues/in your network.

CALL FOR PAPERS - Urban Planning in China

The objective of this special issue of China Perspectives / Perspectives Chinoises is to question the evolution of urban planning theory and practice in the Greater China (PRC, Taiwan, Hong Kong and Macao). CEFC will focus on the evolution of institutional frameworks and actors as well as on the contents of spatial planning policies. Cross-disciplinary contributions are welcome and could focus on large agglomerations, but also on small and medium-sized cities. Submissions could be in English or French and are particularly welcome from researchers at an early stage of their careers. Deadline **21 December 2015**.

Invitation: Dragon Star+ Webinar: Participation in Chinese Research and Innovation Programmes, 9th December, 10am Beijing time

DragonStar Plus is focusing on China, and aims both on providing services to European and Chinese researchers, and on offering a flexible platform to support policy discussions between the European and Chinese stakeholders. This webinar and associated materials will be in English, with Chinese subtitles.

Agenda

- 10:00 - 10:15** The Latest Development of Chinese Funding Programmes
Jizhen Li, the School of Economics and Management, Tsinghua University, China
- 10:15 - 10:30** Navigating the Chinese Funding Web as a European Scientist
in China





*Richard de Grijs, Kavli Institute for Astronomy and Astrophysics
at Peking University, China*

10:30 - 10:45 CHINEKA: The Sino Spanish Bilateral Program for Technology
Collaboration

*Carlos Quintana, CDTI (Spanish Innovation Agency) Delegate
in China*

10:45 - 11:00 Discussion & Concluding remarks

Please access more information and register [here](#).

Lecture: Comparative Politics and the Study of China's Political Economy, Renmin University 4 December

*Speaker: Kellee S. Tsai. Time: 4pm, December 4 Venue: Renmin University
School of International Studies, room 813, Mingde International Building*

Kellee S. Tsai is Division Head and Chair Professor of Social Science. Prior to joining HKUST, Professor Tsai served as Vice Dean for Humanities and Social Science and Professor of Political Science at Johns Hopkins University. A scholar of contemporary Chinese politics and economic development, Tsai's research addresses broader debates in comparative politics, the political economy of development, and the study of informal institutions and endogenous institutional change.

China's contemporary political economy is among the most exciting and demanding frontiers of research in comparative politics. The country's sheer size and internal diversity offer a natural laboratory for examining topics at multiple levels and units of analysis, and in varied regional environments. Yet the study of China's political economy has not had the type of conceptual impact on the discipline of (Anglophone) political science as research on other parts of the world. This talk explores the reasons for this disjuncture between the empirical richness of China as a case in comparative politics and its more limited analytic contributions; and proposes strategies for redressing the gap.

8 Press Review*

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8.1 Policy & Papers

China plans strategic S&T breakthroughs

Chinese President Xi Jinping said the country will endeavor to make a series of strategic science and technology breakthroughs by 2030, according to a statement issued Tuesday by the Communist Party of China.

These projects span **aviation engines, quantum teleportation, intelligent manufacturing and robots, deep space and deep sea probes, new materials, brain science and health related science**. The country must place innovation in key S&T areas higher on the agenda, Xi said.

Xi made the remarks as an elaboration on the CPC's proposal for the 13th Five-year Plan (2016-2020).

Pursuing these projects will help China break free from external dominance in these strategic areas, and create new directions and areas for development and growth, Xi said.

In August 2014, China decided 16 scientific and technological projects of national importance, including universal chips, broadband and mobile telecommunications, digitally controlled machines, and nuclear power.

Xi attributed China's inferiority to developed countries in science mainly to insufficient innovation, and he proposed national laboratories be devoted to state-of-the-art science and technology. These labs will be large in scale and interdisciplinary, he added.

National laboratories have become important channels for developed countries to contend for the high ground of science and innovation, Xi said, citing the Argonne National Laboratory of the United States and the Helmholtz center in Germany as examples.

In scientific and technological innovation terms, Xi said China has moved from the stage of "busy catching up" with developed countries to occasionally setting the pace.

China urgently needs national labs with top-notch talent from both home and abroad, international peer recognition and innovation capacity that warrants global influence, Xi said. ([China Daily](#))

Automation industry issues group standards for robots

The China Association for Science and Technology published four standards for industrial robots — the first for China's robotics industry — at the World Robot Conference 2015 in Beijing.

The three-day conference, which opened on Monday (23 November), was jointly hosted by the association, the Beijing municipal government and the Ministry of Industry and Information Technology to boost the development of the robotics industry in China.



"Technological innovation is the driving force in the development of the robotics industry, and standards play a crucial role in promoting new technologies," said Song Jun, head of the academic department of the association. "The standards themselves are an important achievement brought about by innovation." ([China Daily](#))

8.2 Voices & opinions

Xi, Li Express Their Support for Developing Robotics Industry

China's top leaders recently voiced their support for the robotics industry, but one expert says the country's companies involved in the field must improve their technologies and quality to become industry leaders.

China has put a priority on developing its robotics industry, President Xi Jinping said in a letter to a robotics conference on November 23.

Premier Li Keqiang also sent a letter to the conference, writing that the robotics industry will be key to innovation-driven development. Li added that robotics will play an important role in the Made in China 2025 initiative, a plan published in May that aims to upgrade manufacturing capabilities over the next decade.

Li added that the government wants China to become the world's biggest market for robotics.

The country had around 1,000 companies in the field, but most of their products are low end and not as competitive as those from foreign companies, said Qu Daokui, president of Shenyang-based SIASUN Robot & Automation Co. Ltd. and a professor at the Chinese Academy of Sciences.

He said Chinese firms have fallen behind foreign technologies that combine welding and multi-joints robots, which are key to industries such as auto manufacturing. Foreign companies have 90 percent of that market, he said. ([Caixin](#))

China pursues fraudsters in science publishing

China's main basic research agency is cracking down on scientists who used fake peer reviews to publish papers in international journals, demanding that many return research funding. A separate Chinese scientific organization released the results of an investigation revealing the role of China's many unscrupulous paper brokers, which peddle ghostwritten or fraudulent papers, in the peer-review scandal. In some cases brokers suggested reviewers for their clients' papers, provided email addresses to accounts they controlled, and then reviewed the authors' work themselves. The National Natural Science Foundation is now revoking funding from authors found to have committed egregious offenses. But critics say the measures don't go far enough to stave off fraud. ([Science](#))



Four-Fifths of Medical School Graduates 'Don't Become Doctors'

Nearly four-fifths of China's medical school graduates do not become doctors because they are not given an opportunity to advance their careers, a professor of health care policy says.

Professor Cai Jiangnan, of the China Europe International Business School campus in Shanghai, said government statistics show that around 2.9 million students graduated from medical schools from 2008 to 2013, but only 590,000 of them chose to become doctors.

Cai, speaking at a forum in the capital on November 28, blames the figures on a lack of employment opportunities. He also said that many young doctors wind up in low-paying jobs in community hospitals, where they have little chance to improve their skills. ([Caixin](#))

8.3 Thematic Activities

Health

Superbug gene against all forms of antibiotics discovered in China

Researchers at South China Agricultural University, led by Liu Jianhua, have discovered a gene in China, called MCR-1, which makes bacteria resistant against polymyxins. These are antibiotics seen as a last-line of defence for humans in the fight against superbugs. The gene has been detected in bacteria samples taken from both humans and pigs in China.

The gene - commonly housed in faecal bacteria such as *E. coli* and *K. pneumoniae*, which can cause pneumonia and blood disease - makes these bacteria unbeatable. Worse still, MCR-1 enables the bacteria to spread easily from one strain or species to another, according to the study by the researchers which was published in the respected medical journal 'Lancet Infectious Diseases.'[\(China Daily\)](#)

Scientists in Shanghai create mice without use of sperm

In a major reproductive breakthrough, scientists in Shanghai have created mice by using two eggs and no sperm. The team achieved this pioneering feat by modifying an egg and making it work as a sperm replacement that is injected in another egg to activate fertilization.

A paper on their discovery was published in China-based international scientific journal *Cell Research* on Nov 17. They promoted cell division of a mature egg through chemical means and created a line of cells. After modifying one cell by removing two genes, they injected the cell into another egg as part of artificial fertilization process. [\(China Daily\)](#)



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Transport (including aeronautics)

Chinese high-speed train passes speed test at 385 kph

A Chinese electric multiple unit (EMU) train reached a speed of 385 kilometers per hour and passed a high speed test, a major step before it begins formal operations. Designed and manufactured by CSR Qingdao Sifang Co., Ltd., China owns the independent intellectual property rights to the train. The train is designed to operate at a standard speed of 350 kph. It was tested under complicated conditions, including on bridges, in tunnels, and on slopes and turns on the railway connecting Datong in north China's Shanxi Province, and Xi'an, capital city of northwest province of Shaanxi. ([China Daily](#))

Domestic airplane makes its debut

The C919, China's first domestically developed large passenger aircraft, rolled off the final assembly line in Shanghai on Monday.

The plane, which aims to compete with the Airbus 320 and Boeing 737 globally, is ready for ground tests and is expected to make its maiden flight next year.

It took seven years for it to progress from the project launch stage to the rollout.

Vice-Premier Ma Kai said at the rollout ceremony, "The research and development of a big passenger aircraft is a complex systematic engineering project, and the rollout is an important milestone for this project."

Ma said the C919 has entered a key stage in preparing for its maiden flight, and the manufacturer also faces tough tasks ahead. ([China Daily](#))

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Socioeconomic sciences & the humanities, archaeology & paleontology

Ancient vassal state, once submerged, comes to light

A lost ancient state in Jiangxi province was unveiled to the public on Wednesday, when major archaeological breakthroughs were announced at a news conference in the provincial capital of Nanchang.

The full scope of the vassal state ruled by Marquis Haihun, from the Western Han Dynasty (206 BC-AD 24), was finally revealed after a five-year archaeological project involving China's top research institutions, including the Chinese Academy of Social Sciences, Peking University and the National Museum of China. ([China Daily](#))

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Space

Massive telescope's 30-ton 'retina' undergoes final test

Scientists carried out the last step in testing a key component of China's gigantic radio telescope on Saturday (20 November). After its scheduled completion in September, it will be the largest such telescope in the world.

A team successfully tested the installation of the telescope's "retina", a mechanism weighing 30 metric tons and suspended 140-160 meters above the half-finished reflector dish which will collect signals from the universe. ([China Daily](#))

* * *

People & Higher Education

The next step in soft power

While GIX stands out as the first instance of a Chinese university establishing a physical presence in the United States, it fits into a pattern of recent initiatives to expand China's global educational footprint.

China's domestic higher education system has been growing rapidly in both quantity and quality, and thus it is perhaps natural that the growth would continue into foreign markets.

Affiliates of other Chinese universities have already been established in other nations, including a campus of Soochow University in Laos, a branch of Xiamen University under construction in Malaysia and a joint lab sponsored by Zhejiang University and Imperial College London in London. ([University World News](#))

Donghua University launches two master's programs for foreigners

Shanghai-based Donghua University will launch two new master's programs to overseas students in 2016, a move to further promote its international development. The two programs are Information & Communications Engineering and Power Electronics & Power Transmission, which will be fully taught in English. ([China Daily](#))

China punishes university chiefs for driving 'fancy cars' and partying

Three Chinese university chiefs have been "named and shamed" for allegedly engaging in illicit acts of "hedonism and dishonesty". The punishments – the latest example of president Xi Jinping's offensive against corruption within the Communist party – were dished out to top officials at the Communication University of China, state media reported on Tuesday (24 November). It said two were sacked and another was disciplined. The Beijing-based institution, which was founded in 1954, has produced some of China's best-known journalists and television celebrities. ([The Guardian](#))



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Research Infrastructures

Tianjin to build largest animal cloning site

Tianjin is expected to build the world's largest animal cloning factory next year for the cloning of beef and dairy cattle, dogs and racehorses, a leader in the stem cell and biological medicine industry said. Boyalife Group Ltd said that 200 million yuan (\$31.3 million) will be invested in the factory after its subsidiary, Yingke Boya Gene Technology (Tianjin), signed an agreement on the project with the Tianjin International Joint Academy of Biotechnology and Medicine, the Sooam Biotech Research Foundation of South Korea and the Tianjin Economic-Technological Development Area. ([China Daily](#))

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International S&T relations

China, Germany Ideal Partners in Climate Change Fight

The European Union is willing to lead the way by reducing its greenhouse gas emissions by at least 80 to 95 percent until 2050. Germany will be at the upper end of these targets. Our intermediary goals are a reduction of 40 percent until 2020, at least 55 percent until 2030 and 70 percent until 2040. However, effective climate protection requires ambitious actions by all countries. Therefore, the commitment shown by China in international negotiations as well as in its domestic political agenda is very much lauded. Its newly proposed 13th Five-Year Plan stresses green development, indicating that the country is serious about embarking on the path toward protecting the environment and lowering its carbon intensity. Read the full article by Michael Clauss, the German ambassador to China, in [Caixin](#).

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About this newsletter

EURAXESS LINKS CHINA NEWSLETTER is a monthly electronic newsletter, edited by EURAXESS Links China, which provides information of specific interest to European researchers and non-European researchers in China who are interested in the European research landscape and in conducting research in Europe or with European partners.

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EURAXESS Links China is a networking tool for European researchers active in China and for Chinese researchers wishing to collaborate and/or pursue a career in Europe. EURAXESS Links China provides information about research in Europe, European research policy, opportunities for research funding, for EU-China and international collaboration and for trans-national mobility.

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