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EURAXESS LINKS INDIA

Dear Colleagues,

It is my pleasure to present to you the 42nd issue of the EURAXESS Links India Newsletter.

I hope that you will find this issue interesting and useful. Feel free to circulate it, asking your correspondents to [register](#) with EURAXESS Links so that they can receive future editions directly.

This issue opens with our **EU Insight** focusing on the European pension fund “**RESAVER**”. It also includes a **special feature** with an interview to Anand Kant Das, winner of the EURAXESS Science Slam India 2014.

You will find information on **News** related to research and innovation in Europe and India, a selection of new **Grants and Fellowships** (e.g. Erasmus Mundus EUPHRATES call for India, India-Austria, India-France, IMI, EDCTP), of **Job opportunities** as well as of upcoming **Events**.

In December EURAXESS Links India has been to Kolkata and Pune, attending the European Higher Education Fair and visiting CSIR-National Chemical Laboratory and Bharati Vidyapeeth University, respectively.

If you have any comments or remarks on the newsletter or the website, or if you would like to include an event or news item, please let us know. The monthly Newsletter is meant to be a communication tool for its readers. Interacting with you is important to us. As there is always room for improvement, we would like to ask you to spend a few minutes [completing our brief satisfaction survey](#). We are looking forward to your feedback on our services!

I wish you a Merry Christmas and Happy New Year 2015,

Ainhitze Bizkarralegorra-Bravo
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EURAXESS Links India Newsletter is a monthly electronic newsletter, edited by EURAXESS Links India, which provides information of specific interest to European and non-European researchers in India 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 India.

Please email to india@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: Ainhitze
Bizkarralegorra Bravo,
EURAXESS Links India,
Country Representative



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1 EU Insight – RESAVER: boost to supporting researcher mobility

In August 2014, this newsletter's '[EU Insight](#)' section introduced the pan-European Retirement Savings Vehicle for European Research Institutions (RESAVER)[1]. This pension arrangement will enable researchers to remain affiliated to the same pension fund, even when changing jobs and moving between different countries within the European Research Area (ERA). Singled out as a priority in the [2012 Communication on ERA](#) [2], in which the European Commission pledged to "support stakeholders in setting up pan-European supplementary pension fund(s) for researchers", this initiative received two major boosts within the past months:

First, on 1 October, the consortium was launched that aims to establish this new pan-European pension arrangement [3]; and second, on 16 December, the Commission reported that a four-year, four million euro framework contract in support of creating RESAVER has been awarded to *Aon Belgium* [4] in response to the call for tender launched by the Commission in summer 2014.

Two major boosts to RESAVER establishment

The RESAVER consortium, a group of committed employers, will be working as an international not-for-profit association registered in Belgium. The founding members are: Central European University Budapest; Central European Research Infrastructure Consortium (CERIC-ERIC); Elettra - Sincrotrone Trieste S.C.p.A; Fondazione Edmund Mach; [Istituto Italiano di Tecnologia](#); Technical University of Vienna; and the Association of universities in the Netherlands (VSNU)[3].

The consortium plans to set up the pension arrangement with the first contribution being paid in 2015. The four-year framework contract awarded by the Commission in mid-December will cover the initial set-up costs. This will enable the consortium to roll out the single European pension arrangement across the European Economic Area by 2018.

By participating in RESAVER, employers will be able to sponsor a single European pension arrangement capable of delivering:

- Cross-border pooling of pension plans;
- Continuity of the accumulation of pension benefits as professionals move between different organisations and countries during their career;
- Lower overhead costs (and therefore improved member benefits) through economies of scale;
- Access to high quality investments regardless of the country where the employee is based (where legally possible), thereby improving overall member benefits;



- A pan-European risk pooling solution covering death benefits;
- A centralised portal for tracking and administering pension contribution [4].

“Mobile researchers face obstacles related to social security, in particular with regard to their pensions. [...] [B]y removing barriers to researchers’ mobility and ensuring safe and sustainable pensions for research professionals, [RESAVER] will contribute to the establishment of a European labour market for researchers.” European Commission, ERA Progress Report 2014 [5]

Sources and further information on RESAVER

[1] EURAXESS Links newsletter: [EU Insight - The Pan-European Pension Fund RESAVER](#), August 2014.

[2] European Commission: [2012 Communication on ERA](#), Brussel, 17 July 2012.

[3] European Commission press release: [New pan-European pension fund to boost researcher mobility](#), Brussels, 1 October 2014.

[4] European Commission press release: [Major contract to support new pan-EU pension fund](#), Brussels, 16 December 2014.

[5] European Commission: [European Research Area Progress Report 2014](#), Brussels, 15 September 2014.

[6] European Commission brochure: [“RESAVER – Retirement Savings Vehicle For European Research Institutions”](#)



2 Feature – Interview to Anand K Das winner of EURAXESS Science Slam India 2014

Anand Kant Das, PhD student at Tata Institute of Fundamental Research (TIFR) and winner of 2nd EURAXESS Science Slammer India title with a slam on "A forgotten life..."

Summary of bio-data:

After completing my Bachelor of Science (Honors) in Chemistry from St Stephen's college, Delhi, India, I joined the Integrated- Masters of Science (Biological Sciences) and Ph.D. (Neuroscience and Biophysics) program at Tata Institute of Fundamental Research (TIFR), Mumbai, India. At present, I am a senior PhD scholar working in the Biophotonics laboratory of Prof Sudipta Maiti where we investigate biophysically tractable problems using sensitive tools.



Anand K Das during his slam

What is your research background and interests?

My present research focuses on the key steps which underlie debilitating neurodegenerative diseases such as Alzheimer's and Parkinson's. A better understanding of the disease mechanism will help us gather leads for designing effective therapeutics. I use a variety of very sensitive biophysical tools and techniques to probe damage of nerve cells in these diseases. In addition to this, I have a passion for science writing and communication and independently maintain a science blog by the name 'Artha-meaning- of-Life'.

Where did you hear about the 2nd EURAXESS Science Slam India competition? Why did you decide to participate?

Quite a few emails were circulated by my institute's administration advertising the 2nd EURAXESS Science Slam India competition. In addition to this, there were posters put up on various notice boards about the event.



I believe that there exists a wide gap between the research and innovations which take place in laboratories and what reaches out to the interested public. The only way to bridge the gap is science communication. It is an effective way to disseminate scientific knowledge and explain the wider relevance of scientific findings to societies. Science slam is a very powerful and entertaining way to communicate scientific research and this motivated me to participate in the event.

Why “A forgotten life...”? Tell EURAXESS Links India Newsletter readers (in few words) about the live presentation that you made.

I work on proteins which are believed to cause damage to brain circuits in Alzheimer’s disease. This malady of Alzheimer’s is so devastating that the principle memory center of the brain gets damaged and eventually the other key areas of the brain also get paralyzed. The worst symptom of the disease arrives late but comes with a bang. One loses memory of everything including ones own name. It looks as if in the canvas of life, relationships and societies one has lost oneself. To be precise one has forgotten one’s own identity, experiences of life and everything what we call a collective memory of us and hence my talk was titled as ‘A forgotten life...’.



by Denis Dambois

I delivered a 10 min slam (see picture above) in front of a lively and enthused audience at Café Zoe in Mumbai. It was a tough job but a great learning experience for me. The show was extremely well organized and professionally managed. I thoroughly enjoyed the event and learnt a lot of interesting science from fellow slammers.



In my own slam, I tried to explain the complexity of the human brain by giving proper anecdotes and examples. I briefly talked about how nerve cells talk to each other and the importance of such communications for normal brain functions. If the information transfer is disrupted then brain functions get affected. Such is the fatal turn of events in Alzheimer's disease that one of own proteins, Amyloid- β , turn rogue, form gangs and attack nerve cells disrupting communication between nerve cells thereby leading to damage of memory center of the brain. My own research has lead to identification of two key parts of this protein, the fold region which is important for attaching to nerve cells, and the leg region of the protein which pulls the toxic trigger. Targeting these two regions could in principle lead to advance therapeutics. I made use of the power-point presentation, videos, brain models and other props to bring out the excitement of my research to the non- expert audience.

What are you going to do with the prize? Have you thought of which institute you would like EURAXESS to facilitate arranging a visit from your side?

The EURAXESS community is offering a fabulous prize to the winner and I feel extremely lucky to avail the offer. I think the science communication workshop will serve me many purposes. It will be the first training of its kind for me where I could learn, interact and network with expert communicators. It will also train me and take me one step closer towards my own dream of becoming a science communicator someday. I am extremely excited about it and looking forward to the training.

Europe has some of world's leading research institutes and choosing one among them for a visit is always a tough job. I am still into the information gathering mode at the moment and hunting for places where my interests suits best. Few institutes in Switzerland are right now at the top of my list but the final decision to be taken.

How was your experience as finalist of the 2nd global EURAXESS Science Slam in India?

The experience can't be summarized in few words. It was a very enriching, entertaining and a great learning experience for me. I got to interact not only with fellow speakers but also with the audiences and guests during the networking dinner. The ambience of the café, the aroma of the food and of course the slam sessions made my evening. Thank you EURAXESS for organizing such a lovely event. Three Cheers to the team and management.

Would you recommend the experience to other researchers? Why?

Yes, in brief I recommend the slam in the strongest possible words. I think more and more researchers should come out of their laboratories and share their research with the society (the principle source of research-public money) and make them understand how the public money is being used to do useful and exciting science. Science communication will bridge a lot of gaps and also enthuse people with rational and scientific thought process. Slamming is a fun way to communicate and I wish good luck to all the slammers in near future.



Ainhitze B. B, (EURAXESS Links India, left) and Anand K Das (winner 2014, right)



Any tips that you would like to give to prospective EURAXESS Science Slam participants?

Science communication is not that easy, in particular when the complexity and the relevance of one's own research needs to be explained to a lay person. Nevertheless, it is a fun and necessary exercise because as you prepare to explain your work it gives you a sense of ownership and increases your confidence as you reach out to the public. I feel, it is a great learning experience and more and more scientists should participate in such events. Chalk out the key aims of your project and the main findings, and then spend time thinking of ways to simplify ideas without going wrong on the scientific side or over claiming the findings.

Thank You Anand for sharing some of your ideas and time with EURAXESS Links India newsletter readers!

3 EURAXESS Events in India

3.1 EURAXESS events in 2015



by Denis Dambois

The EURAXESS Science Slam is a global European event with local flavour

EURAXESS Links India will be coming to Kolkata most likely in April for a EURAXESS Share kind event. More information will follow in the February newsletter.

In the second part of the year, the live finals of the EURAXESS Science Slam India 2015 will take place in a location yet to be decided. This will be the 3rd edition of this global event.

It will also be in the second semester that a EURAXESS Connect event will take place. EURAXESS Links India newsletter readers will be informed well in advance.

Follow the latest on EURAXESS Links India events [here](#).

You can follow the EURAXESS Links India events on Facebook via the site of the Delegation of the European Union to India: [Facebook EU in India](#).

3.2 EURAXESS Links India on-site visits

The Country Representative can present the services offered by 'EURAXESS-Researchers in Motion' and cooperation and career opportunities with Europe on-site – at your university or your research institution, including European or Indian companies in the sub-continent.

If you wish to host such a presentation in your organization, please contact us at india@euraxess.net.

You may also contact us if you are nearby any of the locations listed below and wish to host another 'EURAXESS Info Day' session around the same date:

- On 31st January 2015 in Nagercoil - **Kanyakumari** (Tamil Nadu)





- On 22-23 February 2015 at NISER, **Bhubaneswar** (Odisha)
- In early March (tbc) at BITS-Pilani K K Birla Goa Campus in **Zuarinagar** (Goa)
- Other cities on the agenda with no date fixed yet: Mumbai, Bengaluru, Chennai.

4 News & Developments

4.1 European Union

4.1.1 Europe and Africa double research efforts to tackle AIDS, Ebola and other infectious diseases

The EU and Africa are doubling the research efforts to develop new and better medicines for poverty-related diseases affecting sub-Saharan Africa such as AIDS, tuberculosis, malaria, hookworms and Ebola.

Building on the success of the first programme, the second European and Developing Countries Clinical Trials Partnership programme (EDCTP2) will work with a budget of €2 billion over the next ten years to fight infectious diseases in developing countries. For this, the EU will contribute €683 million from Horizon 2020, the EU's research and innovation programme, and around €1.5 billion will come from European countries. EDCTP2 heralds a new era of cooperation between Europe and Africa in medical research with countries from both continents working as equal partners.

Carlos Moedas, European Commissioner for Research, Science and Innovation, said: "*Infectious diseases like AIDS, Ebola or malaria are a major global threat, but they hit poor communities hardest. The latest Ebola outbreak reminds us that more research is needed to find new medicines and vaccines that will help save millions of lives. Today, Europe and Africa are stepping up their efforts to fight the spread of infectious diseases together. With the investment of EUR 700 million from Horizon 2020, the EU will boost research efforts to prevent new epidemics in the future.*"

Prof. John Gyapong, Board Member of the EDCTP Association said: "*The birth of EDCTP2 is very timely. Neglected Infectious Diseases and Implementation Science Research are now covered. This presents a great opportunity for African countries to improve their health care delivery systems through good science. The prospects are indeed very bright.*"

The [EDCTP Association](#) now includes 13 European countries (Austria, Denmark, Finland, France, Germany, Ireland, Italy, Luxembourg, the Netherlands, Norway, Portugal, Spain, and the United Kingdom) and 11 African countries (Cameroon, the Republic of the Congo, the Gambia, Ghana, Mozambique, Niger, Senegal, South Africa, Tanzania, Uganda, and Zambia). Mali, Burkina Faso, Sweden and Switzerland are about to join as well.

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

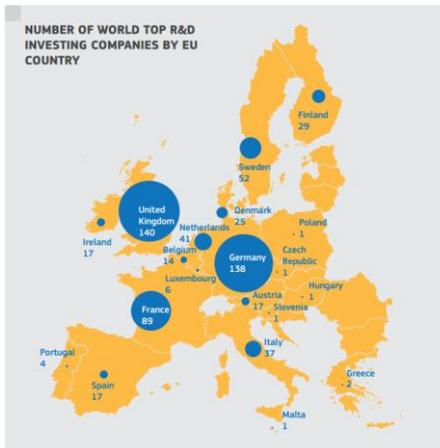
See also [EDCTP Calls for Proposals](#): EDCTP-TDR Clinical Research and Development Fellowships (Deadline: 30 January 2015) and Diagnostic tools for poverty-related diseases (Deadline: 2 March 2015)





4.1.2 EU companies must boost R&D investment to stay globally competitive

Investment in research and development by companies based in the EU grew by 2.6% in 2013, despite the unfavourable economic environment. However, this growth has slowed in comparison to the previous year's 6.8%. It is also below the 2013 world average (4.9%), and lags behind companies based in the US (5%) and Japan (5.5%).



These results are published this month in the European Commission's 2014 [EU Industrial R&D Investment Scoreboard](#), which analyses the top 2500 companies worldwide, representing about 90% of the total business R&D expenditure. Data show that EU-based companies (633) invested €162.4 billion in 2013, whereas US-based companies (804) invested €193.7 billion and the 387 Japanese ones €85.6 billion.

Carlos Moedas, Commissioner for Research, Science and Innovation said: *"Despite the harsh economic climate, EU companies continue to invest in R&D. That is good news, but more is needed to keep up with our competitors. With public resources limited, attracting private R&D investment is even more essential. Horizon 2020 is already engaging more businesses than ever before, but now we're ready to step up our game. The EUR 315 billion investment plan presented by the Commission and European Investment Bank will help to raise more private investment for riskier projects, benefiting R&D across Europe."*

Tibor Navracsics, Commissioner for Education, Culture, Youth and Sport highlighted: *"Thanks to the presence of excellent researchers and good knowledge-sharing opportunities Europe is an attractive destination for R&D investment. But to keep up with global competitors we need to boost investments – and these should benefit a range of research disciplines and sectors. Building a knowledge economy requires strong foundations and we count on our industry partners to help us in these efforts."*

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

See also the [Fact sheet "World trends in R&D private investment. Facts and figures"](#)

4.1.3 Switzerland and EU join forces in science and research

The European Union and Switzerland signed on 5 December 2014, a comprehensive international agreement associating Switzerland to parts of Horizon 2020, Research and Training Programme of Euratom and the ITER project. This will see Switzerland participate in project consortia in eligible programmes on an equal footing with EU Member States, while financially contributing to these programmes with an estimated €400 million until the end of 2016.

Commenting on the signature of the agreement, Carlos Moedas, European Commissioner for Science, Research and Innovation said: *"This agreement is of paramount importance for our scientific communities. EU researchers benefit from access to excellent Swiss research facilities and institutions. At the same time, access to schemes for researcher mobility like Marie Skłodowska-Curie or to excellent research in programmes like ERC and*



Future and Emerging Technologies is vital for the Swiss. Furthermore, with this agreement Switzerland renews its commitment towards our long standing and fruitful collaboration."

As part of the Horizon 2020 programme, Swiss beneficiaries will be able to participate with an associated status in actions under the "Excellent Science" pillar, which contains the European Research Council, Future and Emerging Technologies, Research Infrastructures and the Marie Skłodowska-Curie actions as well as in actions under the specific objective "Spreading excellence and widening participation". In addition, Switzerland will also participate as an associated country in the Euratom Programme and the ITER project.

The participation of Switzerland is effective from 15 September 2014 until 31 December 2016. Beyond 2016, association to these programmes will depend on Swiss measures to ensure the non-discrimination of Croatian citizens and researchers. If Switzerland resolves the issue of the free movement of persons by February 2017, the association will expand to the whole of Horizon 2020 including the parts not yet covered. Otherwise, the whole agreement will be automatically terminated.

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

4.1.4 EU backs 328 top early-career researchers with €485 million

The European Research Council (ERC) has selected 328 first class scientists to receive its prestigious Starting Grants, worth up to €2 million each. The awarded €485 million contributes to supporting a new generation of top scientists in Europe developing so-called "blue sky research": ambitious high-risk, high-gain research projects in any field.

The projects selected cover a wide array of topics, including wearable electronic textiles powered by body heat, detection of bacteria by smell, 'toxic expertise' in the petrochemical industry, the origins of human rationality, combatting cancer related inflammation, as well as optimising user interface design. Read about some of the selected projects [here](#).

Carlos Moedas, Commissioner for Research, Innovation and Science said: *"To create tomorrow's innovation and growth, cutting-edge research is a must. With its Starting Grants, the European Research Council nurtures the next generation of excellent scientists allowing them to follow their scientific curiosity and take risks. To be at the forefront, Europe needs this gutsy mindset, and to invest in young talent."*

This year, grants are awarded to researchers of 38 nationalities, hosted in 180 different institutions throughout Europe. In terms of host institutions, Germany (70 grants) and the UK (55 grants) are in the lead, followed by France (43) and The Netherlands (34). Researchers are also hosted in Austria, Belgium, Czech Republic, Denmark, Finland, Hungary, Ireland, Israel, Italy, Norway, Portugal, Romania, Serbia, Spain, Sweden and Turkey, along with one project in CERN in Switzerland.



European Research Council
Established by the European Commission

ERC News

Read also the ERC Press Release: [ERC Starting Grants: €485 million to 328 top researchers](#) to see the lists of selected researchers [by country of host institution](#), by domain in alphabetical order ([Physical Sciences and Engineering](#), [Life Sciences](#), [Social Sciences and Humanities](#)) and some indicative [statistics on the Starting grants](#).



Around 40 of the researchers are of non-European nationality; for instance North and South Americans, Asians, Australians, New Zealanders and Russians. Many of them were already based in Europe.

There are also 18 researchers coming to Europe to carry out their ERC-funded projects, including 13 returning Europeans, as well as scientists moving to Europe from Australia and North America. This is in line with the ERC mission to attract more excellent researchers to Europe.

The average age of selected researchers is about 35 years.

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



This year's record crop resulted in a price decrease: prices should recover over the projection period due to a strong feed demand, compensating a slower than expected increase of biofuels demand.

© Fitimmz, Fotolia

4.1.5 Strengthening the SET-Plan

Over 650 energy stakeholders from Europe and beyond gathered in Rome this month for the 7th Strategic Energy Technology Plan (SET-Plan) Conference. The conference offered a unique opportunity for all stakeholders and representatives of national and EU institutions to have in-depth discussions on the new developments of the SET Plan towards an integrated roadmap and action plan addressing research & innovation challenges and needs of the EU energy system.

The "towards an integrated Roadmap" document which will ultimately lead to the Action Plan was presented at the event, and is the result of in depth consultation and inputs from more than 150 stakeholders and the SET-Plan steering committee from the Member States. The document has been compiled based on these inputs by the European Commission's Directorates-General for Energy, Research and Innovation and the Joint Research Centre. The JRC coordinated the technical and scientific input to the consultation process.

Source: [Joint Research Center](#)

4.1.6 Crop, dairy and meat markets projections for the next 10 years

JRC expertise in modelling with a focus on baseline projections and particularly on uncertainty scenarios has fed into the latest issue of the European Commission's agricultural outlook for the next decade. The outlook "[Prospects for EU Agricultural Markets and Income](#)," was compiled by the [Directorate-General for Agriculture and Rural Development](#) and presented during a [dedicated conference](#). The publication describes the trends for major EU agricultural commodity markets such as crop, milk and meat markets until 2024.

[Read more](#) (Source: Joint Research Center)

4.1.7 FRONTIER RESEARCH: Using the science of invisibility to make black holes in the lab – Prof. Ulf Leonhardt

From the galactic to the quantum, the science of invisibility is revealing new ways to manipulate the world, said Professor Ulf Leonhardt, from Israel's



Weizmann Institute, after giving a presentation at TEDxBrussels [“The Science of invisibility”](#) on 1 December.

[Read the interview](#) on HORIZON The EU Research & Innovation Magazine.

4.1.8 INTERVIEW: ‘Kitchen blender’ graphene could enable printable circuits and sensors – Prof. Jonathan Coleman

Graphene that can be made in a kitchen blender is opening up a new world of printable electronic devices, according to Professor Jonathan Coleman, speaking after making a presentation at the TEDxBrussels conference [“How the magic of nano connects blenders, printers and rubber bands”](#) on 1 December .

[Read the interview](#) on HORIZON The EU Research & Innovation Magazine.

4.1.9 The light fantastic

Light pulses that last just a billionth of a billionth of a second are allowing scientists to view the movement of electrons in detail for the first time. In the darkest month of the year, Horizon turns its gaze towards the science of light.

We discover how these rapid light pulses are helping scientists make ‘molecular movies’ of chemical reactions, and learn how Europe is leading the way in the use of extreme light, from the world’s brightest X-ray to one of the world’s most powerful lasers.

We investigate the new materials that are harnessing sunlight to clean our environment, from pollution-absorbing bus lanes to paint that purifies drinking water. Finally, we explore how new LED technology could not only dramatically cut Europe’s lighting bills but also influence the way we interact with our environment.

[Read more](#) (Source: HORIZON The EU Research & Innovation Magazine)

4.1.10 Marie Curie Fellow Leads Analysis of the Genomes of Malaria-Carrying Mosquitoes

Dr Robert Waterhouse, a Marie Curie International Outgoing Fellow at the Massachusetts Institute of Technology, has published his findings on malaria-carrying mosquitoes genome analysis in 'Science'.

[Read more](#) (Source: Marie Skłodowska-Curie actions (MSCA))

4.1.11 Commission announces winners of European Business Awards for the Environment 2014-2015

EU Environment, Maritime Affairs and Fisheries Commissioner Karmenu Vella announced the winners of the European Business Awards for the Environment 2014-15 at an evening ceremony early december. The awards recognise companies that combine competitiveness with respect for the environment in five categories: management, product and services, process innovation, business and biodiversity and international business cooperation. This year’s winners include large corporations and SMEs:

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How the magic of nano connects blenders, printers and rubber bands | Jonathan Coleman | TEDxBrussels





- **Eczacıbaşı Yapı Gereçleri (Turkey)**, a leading producer of ceramic bathroom products and tiles, for management
- **EcoNation (Belgium)**, a company supplying lighting solutions, for product and services
- **Daimler AG (Germany)**, a motor vehicle and engine manufacturer, for process innovation
- **Interface Nederland BV (Netherlands)**, the world's largest designer and maker of carpet tiles, for international business cooperation
- **Red Eléctrica de España (Spain)**, an electricity operator, for business and biodiversity

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

4.1.12 10 December - A Magic Date: The Nobel Prize Award Ceremony 2014

The Nobel Laureates have taken center stage in Stockholm on 10 December, when they received the Nobel Medal, Nobel Diploma and a document confirming the Nobel Prize amount from King Carl XVI Gustaf of Sweden.

In Oslo, the Nobel Peace Prize Laureates received their Nobel Peace Prize from the Chairman of the Norwegian Nobel Committee in the presence of King Harald V of Norway. An important part was the presentation of the Nobel Lectures by the Nobel Laureates.

In Stockholm, the lectures are presented days before the Nobel Prize Award Ceremony. In Oslo, the Nobel Laureates deliver their lectures during the Nobel Peace Prize Award Ceremony.

Watch the Award Ceremonies:

[2014 Nobel Peace Prize Award Ceremony](#)

[2014 Nobel Prize Award Ceremony](#)

[Video clips from the 2014 Nobel Banquet in Stockholm](#)

Source: Nobelprize.org

4.1.13 Evolution of birds explained in a large-scale genomics project led by a Chinese scientist funded by the EU

Dr Guojie Zhang is Marie Skłodowska-Curie Fellow working at the University of Copenhagen and BGI-Shenzhen. The large-scale Avian Phylogenomics Project under his co-leadership has been just highlighted by Science in a special issue of the journal released on 12th December 2014.

"The evolutionary relationship among modern bird species has been debated for centuries, since Darwin. It is very hard to resolve because the ancestors of modern birds have experienced a rapid radiation, called 'big bang' of the speciation. In the past, we could only use morphological data or few genetic data to build the phylogenetic tree... Now we have sequenced 48 bird species representing all the major branches of birds.



This is so far the largest scale of genomics study for non-human organisms," Dr Zhang explains.

As a "breakthrough" explaining the evolution of birds, the project also got significant media attention throughout various outlets such as The Economist, Reuters etc.

Read more: [EURAXESS Links China](#)

4.2 India

4.2.1 India sends 32-member team of experts for climate change

With air pollution levels reaching alarming levels in Indian cities, the government has raised the stakes at global climate negotiations and sent a much bigger team than before to Lima, which includes an official from the Prime Minister's Office (PMO) for talks, signaling the Narendra Modi government's concern about the issue.

Read more: [The Economic Times Business Standard](#)

4.2.2 India-led BRICS opposes UN arm's move on model drug law

India has spearheaded a move by BRICS countries to oppose a United Nations agency's move to float without consultations with member states a model law on fraudulent drugs that has raised fears of genuine generic drugs trade getting disrupted.

An expert group within UN Office on Drugs and Crime (UNODC) had last week held closed-door meetings in Vienna to firm up a model law prescribing harsh penalties for 'falsified' drug-related crimes. The draft is expected to serve as a model for member countries to adopt and implement, but it has revived fears about seizures of Indian-made generics, as happened in 2008 when many shipments were confiscated at European Union ports.

Read more: [The Economic Times](#)

4.2.3 India takes leap towards manned space missions

Indian space scientists on Thursday successfully launched an experimental unmanned crew module from the nation's largest rocket, bringing India a step closer to sending its own astronauts into space.

In about five-and-a-half minutes into the flight, the launcher had carried its payload—the 3,775kg cupcake-shaped Crew Module Atmospheric Re-entry Experiment (CARE)—to the intended height of 126km, a long orange flame following the rocket.

At this point, CARE separated from the upper stage of the Geosynchronous Satellite Launch Vehicle (GSLV) Mark III and re-entered the atmosphere and safely splashed down at the designated spot in the Bay of Bengal with the help of its parachutes about 20 minutes 43 seconds after lift-off.



Read more: [Live Mint](#)

4.2.4 China to co-fund first Indian rail university

China has proposed to co-fund India's first Railway university and handhold the Indian Railways as it takes baby steps in making the centre for learning a reality. Prime Minister Narendra Modi recently promised to set up four such universities in the country, and the government is set to start work on the first one. After a formal visit to three universities in China last month — Beijing Jiaotong University, Tongji University and Southwest Jiaotong University — Railways Ministry officials submitted a report saying that China has offered its cooperation.

Read more: [The Indian Express](#)

4.2.5 IIT-Madras launches incubation cell for startups in biotech

The research work of G Purushothaman and Kiran Kumar, who were working on technology to change the way doctors test patients for infectious diseases, was promising. But two years after four young researchers started to develop point-of-care testing devices — that would allow a single check for multiple infectious diseases like TB, HIV and Hepatitis B — the team shrunk to two.

For researchers working on projects with potential but lacking the resources to see them through, like Purushothaman and Kumar's Purius Nanosystems, the IIT-M Incubation Cell is a godsend. IIT-Madras director Bhaskar Ramamurthi inaugurated a biotechnology incubator on Thursday that will support four projects of doctoral students from the institution's biotechnology department.

Read more: [The Times of India](#)

4.2.6 India tests its heaviest space launch vehicle, eyes global market

India's space agency successfully tested on Thursday its most powerful satellite launch vehicle that can put heavier payloads into space, and, it hopes, win India a bigger slice of the \$300 billion global space industry.

The Indian Space Research Organization (ISRO) also checked the working of an unmanned crew module on the vehicle, which could give the agency the option of manned missions.

Read more: [Reuters](#)

4.2.7 Air pollution discolouring Taj Mahal: Study

Airborne carbon particles and dust are discolouring the Taj Mahal's iconic marble dome and soaring minarets, giving the gleaming white landmark a brownish case, Indian and US researchers have found.

Read more: [Times of India](#)



4.2.8 India-Bangladesh river development plan needed: experts

Highlighting the intricate and complex river system shared by India and Bangladesh, experts from both the countries stressed on developing a comprehensive river development plan which involves water management, sediment management, navigation and inland transport.

International Union For Conservation of Nature (IUCN), under its initiative 'Ecosystem for Life' which has been emphasising on management of shared river ecosystem of the two countries, on Thursday launched a documentary 'River Highways' on the theme of inland navigation between the two countries.

Read more: [The Hindu](#)

4.3 India-Europe cooperation

4.3.1 European Higher Education Fair India (EHEF) 2014

Organised by the Delegation of the European Union in India, the European Higher Education Fair India 2014 took place between 30 November and 5 December 2014 in three different cities - New Delhi, Bangalore and Kolkata -, to promote European higher education in India by providing a platform of European Union member states and higher education institutions to showcase their education opportunities. Indian students and researchers had the opportunity to interact directly with representatives from the European universities of their choice.

EURAXESS Links India was present in Delhi and Kolkata at the stall of the EU Delegation to India. The EURAXESS Links India Country Representative talked to around 250 prospective PhD candidates, PhD students and postdocs in three days. Even more participants picked up EURAXESS leaflets.

The EHEF registered 3500, 2000 and 1200 visitors in Delhi, Bengaluru and Kolkata respectively.

EURAXESS Links India Newsletter readers can download the [EHEF catalogue](#) (it includes the country factsheets and information on the Higher Education Institutions attending the EHRF).

Read more: [EHEF India 2014](#)

4.3.2 EU-India Strategic Research Agenda on Biomass and Bio-waste Published

The recently published [EU-India Strategic Research Agenda \(SRA\)](#) compiles a shared vision for the EU and India on the latest developments in the bio-based economy, and the research needs in this context. Based on a thorough assessment of the availability of biomass and bio-waste resources, and existing research projects and programmes in both India and Europe, this important document defines specific needs, scientific expertise, research tools required, and the size of demonstration and pilot plants necessary, in order to pave the way towards a future sustainable bio-based economy.



The SRA was elaborated within the SAHYOG project (ended on 30/11/2014), in close cooperation with representatives from leading research organisations and energy agencies from both India and Europe. Policy makers and industry leaders from both continents were also consulted through several stakeholder workshops. A recommendation survey was set-up and addressed to potential stakeholders. The conclusion from this survey allowed to refine the recommendations of the SRA and to design a roadmap for EU-India collaboration on research and development in the next years.

The SRA follows the whole value chain, from (a) biomass production to (b) conversion into bio-refineries and (c) utilisation in markets.

Both continents do acknowledge the need for increased valorisation of biomass and bio-waste resources and an integrated bio-refinery approach in the future. Joint EU-India activities in this field include the development of a common political framework, stimulating a global bio-based economy, the elaboration of standards for performance criteria of bio-based products, as well as well-targeted public awareness programmes and training and education initiatives for researchers and engineers. It is clear that by using the specific strengths from both Europe and India, it is possible to carry out more effective and efficient research, and thereby enhance the bio-based economy as a whole.

Read more: [SAHYOG Project](#)

4.3.3 'Germany, India enhance ties in the field of science & higher education

In order to further strengthen Indo-German ties in the field of science and higher education, a senior delegation from the German Federal Ministry of Education and Research (BMBF) visited India from November 17 to 21. Headed by Deputy Director-General for International Cooperation in Education & Research, Maximilian Metzger, the delegation consisted of senior officials from BMBF and representatives from German Science and Research organisations. On the agenda were, among others, the first meeting of the Indo-German Joint Working Group (JWG) on Higher Education as well as the 10th meeting of the Indo-German Committee on Science & Technology.

Read more: [German Missions in India](#)

4.3.4 UK, India research and innovation relationship set for a giant leap

The UK's Minister for Universities, Science and Cities, the Rt Hon Greg Clark MP, met the Indian Minister for Science and Technology Hon Dr Harsh Vardhan in New Delhi on 12 November 2014. The ministers agreed to take the UK-India research and innovation relationship to a greater level with the announcement of a significant new initiative which will be known as the Newton-Bhabha Fund.

The Newton-Bhabha Fund (£50 million over 5 years from the UK and matched efforts from India) is an important programme, with a strong



interdisciplinary dimension that will further strategise the science, research and innovation cooperation between India and the UK, in areas of mutual interest such as Public Health and Well-being; Sustainable Cities and Urbanisation; and Food-Water-Energy Nexus.

Read more: [British High Commission New Delhi](#)

4.3.5 Top Talent Denmark initiative

Denmark has recently organised a number of “Visit Denmark Days” in India (Bangalore and Delhi) to tell about Danish education and working in a Danish Company. The Embassy of Denmark has participated at the European Higher Education Fair India 2014 (see 4.3.1.)

Read more: [Top Talent Denmark](#)

4.3.6 EBTC Yearbook 2014

The very first Yearbook of [EBTC](#) (European Business and Technology Centre) presents a select snapshot of highlights from 2014.

See what EBTC has been up to this year: [click here](#)

5 Grants & Fellowships

5.1 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 portal:

[Albania](#), [Austria](#), [Belgium](#), [Bosnia-Herzegovina](#), [Bulgaria](#), [Croatia](#), [Cyprus](#), [Czech Republic](#), [Denmark](#), [Estonia](#), [Faroe Islands](#), [Finland](#), [France](#), [FYRoMacedonia](#), [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](#), [United Kingdom](#).



Access to all national EURAXESS Portals (overview): [here](#)

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.

5.2 HORIZON 2020 | Industrial Leadership

Two new calls were published on 18th December 2014:

HORIZON 2020 DEDICATED SME INSTRUMENT - PHASE 1 2015 and

HORIZON 2020 DEDICATED SME INSTRUMENT - PHASE 2 2015

Cut-off dates: 18/03/2015, 17/06/2015, 17/09/2015



Eligible topics (in both calls):

Topic: BG-12-2015-1: Supporting SMEs efforts for the development - deployment and market replication of innovative solutions for blue growth

Topic: BIOTEC-5b-2015-1: SME boosting biotechnology-based industrial processes driving competitiveness and sustainability

Topic: DRS-17-2015-1: Critical infrastructure protection topic 7: SME instrument topic: Protection of Urban soft targets and critical infrastructures

Topic: ICT-37-2015-1: Open Disruptive Innovation Scheme (implemented through the SME instrument)

Topic: INSO-10-2015-1: SME business model innovation

Topic: INSO-9-2015-1: Innovative mobile e-government applications by SMEs

Topic: IT-1-2015-1: Small business innovation research for Transport

Topic: NMP-25-2015-1: Accelerating the uptake of nanotechnologies, advanced materials or advanced manufacturing and processing technologies by SMEs

Topic: PHC-12-2015-1: Clinical research for the validation of biomarkers and/or diagnostic medical devices

Topic: SC5-20-2015-1: Boosting the potential of small businesses for eco-innovation and a sustainable supply of raw materials

Topic: SFS-08-2015-1: Resource-efficient eco-innovative food production and processing

Topic: SIE-01-2015-1: Stimulating the innovation potential of SMEs for a low carbon energy system

Topic: Space-SME-2015-1: SME Instrument

Further information: [PHASE 1 2015](#), [PHASE 2 2015](#)

5.3 HORIZON 2020 | Societal Challenges

More than 20 new calls were published on 10th December 2014.

Deadlines: check under specific call (between mid-April and early June)

Names of the calls:

MOBILITY FOR GROWTH 2014-2015

WATER INNOVATION: BOOSTING ITS VALUE FOR EUROPE

NEW FORMS OF INNOVATION

ENERGY EFFICIENCY - MARKET UPTAKE

ENERGY EFFICIENCY RESEARCH & INNOVATION

GROWING A LOW CARBON, RESOURCE EFFICIENT ECONOMY WITH A SUSTAINABLE SUPPLY OF RAW MATERIALS



CALL – SMART CITIES AND COMMUNITIES

WASTE: A RESOURCE TO RECYCLE, REUSE AND RECOVER RAW MATERIALS

REFLECTIVE SOCIETIES: CULTURAL HERITAGE AND EUROPEAN IDENTITIES

THE YOUNG GENERATION IN AN INNOVATIVE, INCLUSIVE AND SUSTAINABLE EUROPE

CALL FOR COMPETITIVE LOW-CARBON ENERGY

OVERCOMING THE CRISIS: NEW IDEAS, STRATEGIES AND GOVERNANCE STRUCTURES FOR EUROPE

CALL FOR COMPETITIVE LOW-CARBON ENERGY

Further information on every call: [Participant Portal](#)

5.4 HORIZON 2020 I «Europe as a global actor»

Deadline for submissions: 12 May 2015 - 17:00 (Brussels local time)

«Europe as a global actor» aims to enhance and encourage research and innovation cooperation between the Union and certain International partner countries or regions.

These two calls under Societal Challenges intend to:

- support the general opening of Horizon 2020 (H2020) by encouraging researchers from all over the world to participate in H2020;
- support the development and implementation of targeted international cooperation activities, by identifying areas of mutual benefit;
- identify and eliminate remaining obstacles to cooperation.

Partners from Australia, USA and Brazil will be eligible for funding, under the corresponding topic.

For more information:

[INT-01-2015](#) - targeting Australia, USA, Brazil, South Africa, Ukraine

[INT-02-2015](#) - targeting Southern Mediterranean, Neighbourhood, Eastern Partnership

5.5 INNOVATIVE MEDICINES INITIATIVE (IMI 2) I 2 Calls for proposals for 115M€

[Innovative Medicines Initiative \(IMI\)](#) is Europe's largest public-private initiative aiming to speed up the development of better and safer medicines for patients.

IMI has now launched its 3rd and 4th Calls for proposals under IMI 2, with topics on remote assessment, type 2 diabetes, neuropsychiatry, vaccine manufacture, pertussis vaccines, patient engagement and adaptive pathways.



Topics under **IMI 2: Call 3** (Further information: [here](#))

Deadline: 24 March 2015 – 17:00:00 Brussels time

Topic 1: Remote assessment of disease and relapse - CNS

Topic 2: Towards a quantitative biological approach for neuropsychiatry

Topic 3: Assessing risk and progression of prediabetes and type 2 diabetes to enable disease modification

Topic 4: The consistency approach to quality control in vaccine manufacture

Topic 5: Pertussis vaccination research

Topic 6: Knowledge repository to enable patient focused medicine development

Topic under **IMI 2: Call 4** (Further information: [here](#))

Deadline: 11 February 2015 – 17:00:00 Brussels time

Topic 1: Enabling Platform on Medicines Adaptive Pathways to Patients

5.6 European & Developing Countries Clinical Trials Partnership (EDCTP): 3 new calls, 1 for fellowships

See [EDCTP Calls for Proposals](#):



EDCTP-TDR Clinical Research and Development Fellowships. Expected number of grants 8-10 (Deadline: 30 January 2015)

Diagnostic tools for poverty-related diseases (Deadline: 2 March 2015)

Maximising the impact of EDCTP research: translation of research results into policy and practice, Expected number of grants 8-10 (Deadline: 16 March 2015)

5.7 Erasmus Mundus EUPHRATES Programme – Call for India

Deadline: 11 January 2015

The **Erasmus Mundus EUPHRATES Programme**, coordinated by the University of Santiago de Compostela (Galicia, Spain), includes mobilities **from India to Europe** for students/researchers for the following academic levels: Bachelor, Master, **Doctorate**(PHD), **Postdoctorate** (PD) and Administrative-Teaching Staff.

Mobilities are distributed among the following kinds:

- **Target Group 1:** Students and Academic Staff registered in one of the partner **universities belonging to the consortium**. Undergraduate students must have successfully completed at least one year of studies in their home institution;

- **Target Group 2:** Students need either to be registered in or to have





obtained a university degree or equivalent from a HEI in India (**not included in the partnership**);

- **Target Group 3:** Nationals of India in a particularly **vulnerable** situation due to social or political reasons as specified by the EMA21 Call.

In this cohort, EUPHRATES is trying to get more candidates from target groups 2 and specially target group 3.

All the information, such as the duration of mobilities and how to apply, is available on the official web-page: <http://www.usc.es/euphrates>

For queries concerning this call contact: erasmus.mundus@usc.es

5.8 Austria-India bilateral call on Natural Sciences

Deadline: 31 March 2015

Department of Science & Technology, (DST) Government of the Republic of India and the Austrian Science Fund (FWF) launch a bilateral call. Eligible are all disciplines of Natural Sciences with exception of the Life and Health Sciences.

Eligible organisations:

India: The researchers/ scientists/ faculty from recognized universities, deemed universities, public funded research institutes/laboratories are eligible to submit the collaborative proposals to the joint call for proposals. The composition of the project team should not exceed three. The participation/ involvement of Ph.d students is highly encouraged

Austria: Eligibility criteria strictly follow the General [FWF Funding Guidelines](#).

Find more informationa about the call [here](#).

5.9 Indo-French Call for pre- Proposals for High Impact Scientific Research Network Programme

Deadline: 15 February 2015

Indo-French Centre for the Promotion of Advanced Research (CEFIPRA) is India's first and France's only bilateral organization which has been in existence for the past 27 years, committed to promote collaboration between the scientific communities of France and India across the knowledge innovation chain. Since this centre has been traditionally associated with bridging of individual scientist of two countries in a collaborative mode, after 27 years, a rich plethora of scientists and scientific group are well networked. Further, over the years, support from national funding agencies from both the countries has been increased in Science and Technology.

Recognising this, CEFIPRA announces High Impact Scientific Research Network Programme & invites pre-proposal from the Indian and French scientific communities.



Areas of Collaboration (Targeted Topic for the Call):

All areas of interest in Science & Technology between India and France with special emphasis on the following areas:

- Optics
- Nano sciences
- Cold atoms
- Synchrotron Science
- Computer Science & Bio-bioinformatics
- Energy storage devices
- Metabolic disorder
- Infectious diseases

Further information: [CEFIPRA](#)

5.10 Frankfurt School of Finance and Management

Application deadline: January 15, 2015

Frankfurt School of Finance & Management, a leading private business school based in Frankfurt am Main, Germany, with 86 regional education centres throughout the country, invites applications from talented, self-motivated individuals with Master's degrees, to apply for admission to their doctoral programme. The course is held entirely in English.

Read more: [Frankfurt School of Finance & Management](#)

5.11 Bremen International Graduate School of Social Sciences (BIGSSS)

Application deadline: February 15, 2015

Bremen International Graduate School of Social Sciences (BIGSSS) invites applications to its Ph.D. program. Successful applicants for the Ph.D. fellowships will pursue a topic in one of BIGSSS' three thematic fields: global governance and regional integration, welfare state, inequality and quality of life and changing lives in changing socio-cultural contexts. The program will commence on September 1, 2015.

Read more: [Bremen International Graduate School of Social Sciences](#)

5.12 Forthcoming calls

Under HORIZON 2020:

Revised HORIZON 2020 Work Programme 2014-2015 has been adopted on 22 July 2014. [Read more](#) (check for documents ending with "v.2" under H2020/Work Programmes/2014-15/Main WP).



European Research Council (ERC)'s Work Programme 2015 has been published. [Read more.](#)



Horizon 2020 | Excellent Science- Marie Skłodowska-Curie actions (MSCA) | Individual Fellowships (IF): Planned opening date 12/03/2015 (Planned deadline: 10/09/2015)

Horizon 2020 | Excellent Science- Marie Skłodowska-Curie actions (MSCA) | CO-FUNDING OF REGIONAL, NATIONAL AND INTERNATIONAL PROGRAMMES (COFUND): Planned opening date 14/04/2015 (Planned deadline: 1/10/2015)

5.13 Calls still open

(see previous newsletters or click on the respective link for more details)



HORIZON 2020 – Calls for proposals: Some of the 145 calls published in December 2013 are still open. New ones have been added in in December 2014 in the **Industrial Leadership** and **Societal Challenges** pillars.

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

Deadline for submission: **check under specific call.**

The following *calls under HORIZON 2020* are *highlighted* here:

Excellent Science - [ERC Consolidator Grant](#) (PhD + 7-10 years):

Deadline for application: **12 March 2015**

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

Excellent Science - [ERC Starting Grant](#) (PhD + 2 years)

Deadline for application: **3 February 2015**

Excellent Science – [ERC Proof of Concept Grant](#) (ERC grantee)

There are 3 deadlines for submission to the ERC-2015-Proof of Concept:

First deadline: **5 February 2015** at 17:00 (Brussels local time)

Intermediate deadline: **28 May 2015** at 17:00 (Brussels local time)

Final deadline: **1 October 2015** at 17:00 (Brussels local time)

Excellent Science – MSCA: [Innovative Training Networks \(ITN\)](#)

Deadline for application: **13 January 2015**

The Innovative Training Networks is an action under the HORIZON 2020 activity, Marie Skłodowska-Curie actions. This scheme will extend the traditional academic research training setting and will provide researchers with a combination of research-related and transferable competences. It will offer enhanced career perspectives in both the academic and non-academic sectors through international, interdisciplinary and inter-sector mobility, combined with an innovation-oriented mind-set.

Excellent Science - 3 Calls for Proposals to support [Research Infrastructure](#)

Deadline for application: **14 January 2015**

Other calls:



[CHIST-ERA Call 2014 - Two New Topics](#)

Deadline: 13 January 2015

The "CHIST-ERA" ERA-Net is looking for transformative and highly multidisciplinary research projects in *Information and Communication Sciences and Technologies* (ICST). There are two topics addressed in the 2014 Call - Resilient Trustworthy Cyber-Physical Systems (RTCPS) and Human Language Understanding: Grounding Language Learning (HLU).

India specific calls:

Indo-Dutch: [Cooperation between The Netherlands and India on X-ray Astronomy and Technology](#)

Deadline: **no deadline applicable.**

India-Spain: [Programme of Co-operation on Industrial R&D 2014](#)

Deadline: **15 April 2015**

Thematic areas:

1. Clean Technologies
2. Information and Communication Technologies (ICT)
3. Smart Cities

India-UK: [Collaborative Industrial R&D Programme 2014](#)

Deadline: **15 April 2015** (prior registration required)

Areas of focus are:

- Cleantech Energy
- Affordable healthcare
- Advanced Manufacturing

Use of Information & Communication Technologies (ICT) in any of the above focus areas.

Calls by European Research Area countries:

AUSTRIA: [Lise Meitner Programme for scientists from abroad](#)

Deadline: accepted continuously, **no application deadlines**

BELGIUM: ["MOVE-IN Louvain" Incoming post-doc Fellowships](#)

Deadline for 1st call for proposals: **1 January 2015**

"MOVE-IN Louvain" Incoming post-doc Fellowships is a new transnational fellowship programme developed by the Université catholique de Louvain (UCL) in partnership with the Université de Namur (UNamur) and the Université Saint-Louis (ULS-B) with the support of the European Commission (Marie Curie actions).

The programme will last 5 years, issuing 3 calls for proposals. Depending on the duration of the stay of the candidates retained for funding, about 53 fellowships will be granted per call.

CROATIA: [The New International Fellowship Mobility Programme for Experienced Researchers in Croatia – NEWFELPRO](#)



Deadline: 31 December 2014

GERMANY: [Georg Forster Research Fellowship \(HERMES\) - Top opportunities for researchers from developing countries](#)

Deadline: There is **no closing date** for submitting applications.

GERMANY: [Humboldt Research Fellowship for Postdoctoral Researchers](#)

Deadline: There is **no closing date** for submitting application

LUXEMBOURG: [ATTRACT Call 2015](#)

Deadline: 12 January 2015

POLAND: [Foundation for Polish Science – Ideas for Poland](#)

Deadline: Applications **accepted on a rolling basis**

Eligible applicants: Winners of the “ERC Starting Grants” competition who intend to pursue scientific research in Poland.

PORTUGAL: [New Media and Pervasive Systems PhD Programme by COPELABS and University Lusofona](#)

Deadline for application: **different deadlines**

SWEDEN: [Second call within the program Forest raw materials and biomass: Sustainable primary production](#) by Formas

Deadline: 11 February 2015

SWEDEN: [Targeted call - Sustainable building and planning](#) by Formas

Deadline: 19 February 2015

TURKEY: [TÜBİTAK – Research Fellowship Programme for International Researchers](#)

Applications will be accepted **twice a year**. Application deadlines for 2014 were:

I. Period : 17 March 2014 - 21 April 2014

II. Period : 10 October 2014 - 12 November 2014

UK: [Wellcome Trust- Investigator Awards](#)

Applications are considered **three times a year** (February, July, November).

Next full application closing date: February 2015 (tbc)



Horizon 2020: Call of expression of interest for experts

Additional details can be found in the [Participant Portal](#). We encourage you to check it and register as an expert. The call for expression of interest will remain open for the lifetime of Horizon 2020.



6 Jobs

6.1 EURAXESS Portal and EURAXESS Jobs



Starting in November, EURAXESS Jobs and Sciences AAAs will exchange jobs. This adds up to the already existing collaboration between EURAXESS and two other major international jobs platforms (i.e. Naturejobs and Science).

The [EURAXESS Portal](#) provides links to information on career and grant opportunities in science and technology mainly in European countries

For research careers in Europe and the world, visit the [EURAXESS Jobs](#) website!

Currently, there are 7290 research jobs and fellowship programmes (all over Europe but also in other countries such as in India and in all disciplines) accessible via the EURAXESS Jobs database.

Example of latest positions open for Indian participants:

Indian Institute of Science (Bangalore): [Director, Centre for Brain Research](#)

Deadline: 31 December 2014

IIS seeks a distinguished neuroscientist to serve as Director of the newly established Centre for Brain Research (an autonomous centre of the Indian Institute of Science).

The Centre for Brain Research is dedicated to finding early diagnosis and rational therapies for neurodegenerative diseases through better understanding of brain function. In order to achieve these goals, the centre will carry out clinical and basic research in human populations and model systems. The centre will have around 15 research groups.

6.2 Join us on LinkedIn: linkedin.euraxess.org



The EURAXESS Links group on LinkedIn is for **internationally mobile researchers** to share their experiences and learn of jobs and career opportunities around the world.

It is part of the EURAXESS initiative, the European Commission's programme to support researchers, of which EURAXESS Links is its external window (i.e. for outside Europe).

The global EURAXESS LinkedIn group is complementary to the country based EURAXESS Links India community.

Example of recent employment or fellowship opportunity published on EURAXESS Links-Internationally Mobile Researchers is provided below. For further information click on the position:

[Andalucía Talent Hub Fellowship for experienced researchers](#)

Deadline: 14 March 2015 (open)

The programme offers two-year fixed term contracts to 50 experienced researchers, in excellent conditions, in prestigious research institutions and connected to the powerful network of the Campuses of International Excellence based in Andalusia (Spain).



[Call for South African-European mobility scholarships](#)

Deadline: 28 February 2015

For non-degree seeking mobilities for the MADM at Ruhr University Bochum the application deadline is already 31 January 2015 as the mobility starts in April 2015.

South African Master and PhD applicants as well as academic and administrative staff have the opportunity to apply for a scholarship for spending a study/training/research periods at one of the 8 European partner universities of the project. European PhD Students have the opportunity to spend a research period at one of the 6 South African partner universities.

[Positions \(2\) at FECYT \(Madrid, Spain\)](#)

Fundación Española para la Ciencia y la Tecnología has two vacancies to work on European R&I projects in Madrid (Spain) at "Ministerio de Economía y Competitividad (Dirección General de Investigación, Subdirección General de Proyectos de Investigación)":

- "Técnico de proyecto de programación conjunta de Tecnologías de la Información"

Application deadline: 30 December 2014

- Técnico de Proyecto de Programación Conjunta de Ciencias de la Vida

Application deadline: 25 December 2014

Spanish and English are a must as working languages for both positions.

6.3 India: Jobs at [DevNetJobsIndia](#)

At the time of writing this issue, DevNetJobsIndia offers positions in research and innovation. Best is to check it up in the beginning of the month when new positions are advertised.

7 Events in 2015

Event (click for more details)	Location	Date
7.1 Europe		
Events announced under Horizon 2020 website It includes the Information Days by the EC and Brokerage events	Check link	Check link
EU-U.S. Innovation Conference by BILAT USA 2.0	Brussels, Belgium	14-15 January
Indo-French seminar on " Organic Semiconductor Gas Sensors " by CEFIPRA	Reims, France	10-12 February



Brain Conferences 2015: Bridging Neural Mechanisms and Cognition	Copenhagen, Denmark	19-22 April
12th International Conference of Young Scientists on ENergy Issues (CYSENI 2015)	Kaunas, Lithuania	27-28 May
7.2 India		
European Fellowships and Opportunities with funding by AIC <i>EURAXESS Links India will be there</i>	Nagercoil - Kanyakumari (Tamil Nadu)	31 January
' INTELECT 2015 ' by the Indian Electrical & Electronics Manufacturers' Association (IEEMA) and a concurrent show - ' UPTO 11 kV '	Mumbai, Maharastra	22-24 January
Indo-French Workshop on Sustainable water purification technologies	Karaikudi, Tamil Nadu	11-13 February
International workshop on applications of systems and mathematical biology in public health (IWASMBPH) by NISER <i>EURAXESS Links India will be there</i>	Bhubaneswar (Odhisia)	22-23 February
EURAXESS event	Kolkata, West Bengal	April (tbc)

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

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