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EURAXESS LINKS INDIA

Dear Colleagues,

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

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

This issue **focuses** on *Marie Skłodowska-Curie actions (MSCA)* including an **interview** with Snezana Krstic, Chair of the Marie Curie Alumni Association.

In addition to the **EU Insight** on *Internationalisation of Higher Education in Europe* you will find information on **News** related to research and innovation in Europe and India, a selection of **Grants and Fellowships** (including the new ERC Starting Grant call), a collection of **Job opportunities** (over **5442** in **EURAXESS Jobs** - including fellowships) as well as information on upcoming **Events** (in Europe and India).

The deadline for receiving videos for the pre-selection stage of the *EURAXESS Science Slam India 2015* is **20 September 2015**. We will soon open the registration to participate as part of the audience at the live finals event on 30 October 2015 in Bengaluru. Follow the Science Slam on [Facebook](#).

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 very important to us.

Enjoy the reading!

Ainhitze Bizkarralegorra-Bravo | Country Representative |
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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 – Internationalisation of Higher Education in Europe



“The internationalisation of higher education has been influenced by the globalisation of our economies and societies and the increased importance of knowledge...it is driven by a dynamic and constantly evolving combination of political, economic socio-cultural and academic rationales.” This statement succinctly captures the tone of a recently published (end of July 2015) report by the European Parliament’s Committee on Culture and Education entitled *Internationalisation of Higher Education*, which comments on factors currently influencing higher education globally, but in particular within Europe.

The report

Internationalisation of Higher Education is the end product of a large-scale study focused on not only understanding, but more so, scrutinising internationalisation strategies utilised within higher education systems around the world. The study, commissioned by the European Parliament and conducted by a consortium of Europe-based researchers,¹ carried the specific aim of addressing the different forms internationalisation strategies take on and, more importantly, *what such strategies should aim to achieve* as a way of helping different regions, nations and institutions within Europe meet new education and societal demands. A secondary aim of the study primarily focused on informing future EU policy.

Using a mixed-methodology of two quantitative surveys and a Delphi panel (a qualitative forecasting method where experts are interviewed for their opinions on future outcomes related to a specific subject/set of questions), the study sought out to provide answers to the following questions:

1) How can 'internationalisation' be understood in the context of higher education, and what strategies are being pursued globally in this regard?

2) How far and by which means is the European Union and its Member States responding to the challenges of internationalisation?

3) What are the perspectives of future development, and which recommendations can be made both for policy makers and higher education institutions?

¹ The consortium was comprised of researchers from the Centre for Higher Education Internationalisation (CHEI, Milan), Università Cattolica del Sacro Cuore (Milan), International Association of Universities (IAU) and the European Association for International Education (EIAE).



4) Should national governments and/or the European Union play a more active role in the development, supervision and coordination of national/European internationalization policies?²

To further address these questions, researchers also examined 17 different national reports—10 from within Europe and 7 from without, to gain a sense of the various approaches and rationales guiding global higher education internationalisation strategies. Countries examined within Europe included Finland, France, Germany, Italy, the Netherlands, Norway, Poland, Romania, Spain and the UK. Such a focus intentionally looked beyond the “big three” of England, Germany, and France, which so often dominate internationalisation studies and discussions. Non-European countries examined by the study included Australia, Canada, Colombia, Japan, Malaysia, South Africa and the USA, with the intentional of introducing regional diversity into the assessment.

What *is* internationalisation in the context of higher education, anyway?

Upon reading the report one learns that the internationalisation of higher education, while a relatively new phenomenon in-and-of-itself, is “both broad and varied”, meaning that it lacks any sort of unified global form. And yet while broadly different, commonalities do exist across national approaches, primarily in the form of features like: visibility and reputation (combined with increased competitiveness); competition for talented students and scholars; a divide in strategy between short-term economic gains or long-term economic development and soft power, or a mixture of short and long-term objectives; increased strategic partnership development; more attention to employability and/or social engagement.³

Within Europe, the internationalisation of higher education is not new. The process stretches back at least 30 years, beginning with the ERASMUS programme and followed by the Marie Curie Fellowships. Yet, like many internationalisation strategies, these efforts have a heavy focus on short or long-term and many of the other features mentioned above. But what does this all actually mean in terms of next steps?

According to *Internationalisation of Higher Education*, a key next step for policy decision makers is to recognise that the end goal for post-secondary education in Europe cannot simply be internationalisation. Rather, emphasis must be shifted towards quality (in this case curriculum and learning outcomes for students and staff), and not be based on economic rationales. While still of value, mobility as a motor of internationalisation must also be rethought, in order to shift the nature of mobility opportunities from being only open to a selected elite, to being a component common to all higher educational experiences. As such, a new definition of internationalisation delivered by the report is to recognise it as “the

² De Wit Hans, Fiona Hunter, Laura Howard, Eva Egron-Polak. *Internationalisation of Higher Education*. European Parliament. (2015).

³ Ibid.



intentional process of integrating an international, intercultural or global dimension into the purpose, functions and delivery of post-secondary education, in order to enhance the quality of education and research for all students and staff, and to make a meaningful contribution to society.”⁴

For more information regarding the report’s findings, discover more on how the questions behind the study were answered, and to learn about additional policy recommendations, please click [here](#).

⁴ O’Malley, Brendan. “Internationalisation should be for all—Landmark Study”. *University World News* (Global Edition), 377. 14 August 2015. <http://www.universityworldnews.com/article.php?story=20150814220104557>



Snezana Krstic, Chem. Eng., Independent researcher and consultant, Belgrade, Serbia.

B.Sc., M.Sc., and PhD from University of Belgrade where she has started her academic career. She has been actively involved in activities related to the European research and higher education policies for many years, particularly in activities related to the mobility and professional development of human resources in research. Several years of experience in media, communicating issues related to environment, science, society, policy and innovation. Invited speaker at numerous European and international conferences and workshops, cooperating with European Commission, UNESCO, EU Presidency Events, World Science Forum, EU Committee of Region, EUA, NISTEP (Japan), Alexander von Humboldt Foundation (Germany), and many other distinguished organisations and teams. She holds several international and national awards for scientific achievements and excellence. Her Marie Curie grant experience was undertaken in the CERN School of Computing.

[Contact](#)

[Blog](#)

2.1 Meet the researcher Interview with Snezana Krstic, Chair of the Marie Curie Alumni Association

Tell us about your research background and interests

I am a chemical engineer, but my research background is quite multidisciplinary with a broad interest in issues at the intersection of science, policy, society and innovation. I was involved in research activities as an undergraduate, when I worked on an “intelligent” system for separation of multicomponent liquids, which was of particular importance for the oil, pharmaceutical and petrochemical industry. I continued with issues related to solid waste management and environmental management. My PhD was related to electro-deposited metal powders and particle modelling. Generally, alongside my research career several cross-cutting issues were always present, such as applied informatics and (mathematical) modelling which were also part of my teaching activities at the University of Belgrade, policy analysis and environmental subjects. Engagement in European research and higher education policies has also resulted in scientific and policy analysis contributions related to the internationalisation of higher education and the mobility of researchers. My recent research activities are related to responsible research and innovation and, more precisely, to research integrity, as well as to the multidisciplinary and policy aspects of societal challenges.

Marie Curie – now Marie Skłodowska-Curie under Horizon 2020 - is a prestigious European funding scheme. How did you learn about it?

Indeed, the Marie Curie Actions are well-known as one of the most prestigious schemes supporting mobility of researchers across and outside of Europe. These opportunities are widely promoted through conferences, the Internet and brochures. However, the strongest impression about the programme, its importance and real value I received was when I had the *opportunity to meet Marie Curie fellows and alumni personally*. I remember them as very successful scientists, engaged in many activities important for researchers, European policies and society. Therefore, I had the opportunity to learn many practical details about Marie Curie Actions and the benefits that they brings to researchers' careers.

What are the most significant benefits you derive as a Marie Curie Fellow in terms of work and networking?

Marie Skłodowska-Curie Actions have different types of programmes and provide mobility opportunities suitable for researchers with different career paths and professional experiences. One important benefit is that



they (the Actions) provide excellent working conditions, with paid social security and pension contributions, and various opportunities for training and professional development.



Useful links:

Marie Curie Alumni Association – MCAA

<https://www.mariecuriealumni.eu>

MCAA [Facebook](#) page

MCAA sign-up page for MSC fellows to join the association

<https://www.mariecuriealumni.eu/user/register>

Membership of the MCAA is free of charge, and open to any past or present Marie Curie researcher.

Marie Skłodowska Curie Actions (MSCA) – European Commission's website providing all relevant information regarding the Marie Skłodowska-Curie programmes, fellowships, calls and applications

http://ec.europa.eu/research/mariecurieactions/about-msca/actions/index_en.htm

My Marie Curie grant experience was undertaken in the CERN School of Computing, where I had the opportunity to learn from an outstanding team of professionals and to meet and cooperate with excellent researchers from different parts of the world. Particularly important for me was that I had the opportunity to gain knowledge beyond my scientific field which was particularly useful for my interdisciplinary and cross-disciplinary orientation and engagements.

In my view, establishment of the Marie Curie Alumni Association (MCAA) has provided additional possibilities to amplify benefits that MSCA bring in terms of networking and career development.

Are there any tips that you would like to give to prospective Marie Skłodowska-Curie Actions (MSCA) candidates?

My tip is to trust in their achievements and talents and apply for the grant, even if they are at the very beginning of their research careers or coming from afar and small countries which might not be recognised as having strong support for science. Another tip is for scientists to consult the MSCA website, identify programmes suitable for their career stage or career path and find relevant host institutions. It is important to understand that the MSCA grants offers excellent opportunities to cooperate with and gain research experience also in non-academic sectors (industry, business sector). Finally, a tip which may be particularly useful for early stage researchers is to regularly follow MSCA open positions announced on the EURAXESS website and directly apply. This option may be easier for prospective candidates who find it difficult to identify suitable host institutions before their application.

You also hold the MCAA chair position. Could you tell our readers more about the association and its objectives?

The Marie Curie Alumni Association (MCAA) is an international non-profit organisation based in Brussels gathering together researchers who have benefited or are still benefiting from the European Commission's prestigious **Marie Skłodowska-Curie** research programmes. The association was established in November 2013, when we held the first General Assembly. Although we are supported by EU funding, we have a truly international character with members in all parts of the world. We also have established many **regional chapters around the world**. Membership is free of charge and open to all fellows and alumni, regardless of the type of MSCA grant received, length of mobility periods, nationality, scientific discipline or current occupation.

Our objectives are oriented toward developing, promoting and harnessing the outstanding potential of our community. We encourage networking, cooperation and mutual understanding amongst our members from different countries, sectors of the economy and scientific disciplines, providing additional possibilities for career development and professional



growth. Our objective is also to foster global relationships within the global research and innovation community, with particular attention paid to our Marie Curie experience. We aim to highlight the accomplishments and excellence of our members by supporting existing and creating new opportunities for dissemination of their outputs. Besides, we have more operational goals and some of them are related to promoting the values of the Association.

Why did you decide to promote your experience as MSCA fellow?

MSCA programmes bring many benefits to their fellows and we believe that our experience can be very valuable for young or experienced researchers who look for funding instruments with attractive employment conditions to support their careers and mobility, both internationally as well as between different sectors. This experience can be also useful for prospective host institutions, in academic or industrial settings, for the policy sector, national authorities or international community beyond Europe which may have limited knowledge about European programmes. Finally, it represents science's contribution society .

Tell us more about the local chapters in EURAXESS Links regions (ASEAN - encompassing Indonesia, Malaysia, Singapore, Thailand and Vietnam, Brazil, China, India, Japan and North America)?

The MCAA allows its members to establish chapters on their own initiative and according to their own motivation to cooperate with other members from the region and contribute to the aims of the association. For this purpose, we open official calls and depending on the quality of the proposed working programmes, we also financially support their activities within the limits of our budget. Currently we have chapters in India, the USA (California), and ASEAN (it should be noted that our ASEAN chapter does not correspond exactly to EURAXESS Links ASEAN). Besides, we have an informal group of China fellows, which in the future may decide to establish an official China chapter. I believe that members from other mentioned countries could be also motivated to establish their chapters in the near future.

What would you say to local Marie Skłodowska Curie fellows, past and present, to encourage them to join the MCAA association?

MCAA offers many benefits to its members – opportunities for professional development, networking and cooperation, information on employment opportunities, financial support - which we call Micro-grants - for career development purposes of individual members. We also provide our members opportunities to promote their work and achievements, amongst fellows and also to large and respected audiences at events organised by ourselves or other organisations, including the European Commission. We work to establish partnerships with various organisations, businesses and other bodies for the benefit of our members. Finally, belonging to a vibrant community of researchers recognised for their outstanding accomplishments and openness for new ideas and cooperation is, in my view, a great reason to join the community.



If a Marie Curie (Marie Skłodowska-Curie) fellow in any of these countries would like to join MCAA, where should she or he start from?

They should visit our website (www.mariecurialumni.eu), where they will find the sign-up button at the right upper corner to complete the registration form.

What are your plans to the future?

Growth and development in all directions – creating more opportunities for MCAA members, establishing partnerships and fostering fruitful connections with various organisations and the business sector, and actively contributing to important activities in European, international and local settings.

Thank you for your time!

You are welcome! It was a great pleasure to cooperate with the EURAXESS Links team and I am particularly glad that I had opportunity to recently visit Brazil and meet the Brazilian research community.

2.2 About the Marie Skłodowska-Curie Actions (MSCA)

2014-2020 budget: 6.162 billion euro.



Watch the MSCA video [here](#).

The *Marie Skłodowska-Curie Actions* are **European grants** offered to **researchers at all career stages** and encourage **transnational, intersectoral and interdisciplinary mobility**.

The expected impact of the MSCA in Horizon 2020 includes the support of ca. 65,000 researchers, including 25,000 PhD candidates, ca. 200,000 scientific publications in high impact peer-reviewed journals, and ca. 1,500 patent applications.



Figure 1: The global reach of the MSCA programme.

Organisations from whatever sector and country can participate in MSCA projects. However, Indian organisations are not eligible to direct funding.



The different funding schemes within the MSCA are shown in Figure 2:

Innovative Training Networks	ITN	Support for doctoral and early-stage training Training Networks, Industrial Doctorates, Joint Doctorates
Individual Fellowships	IF	Support for experienced researchers undertaking international and inter-sector mobility: European Fellowships and Global Fellowships Dedicated support for career restart and reintegration
Research and Innovation Staff Exchange	RISE	International and inter-sector cooperation through the exchange of staff
Co-funding of programmes	COFUND	Co-funding of regional, national and international programmes: - doctoral programmes - fellowship programmes

Figure 2: Overview of the different funding schemes under the Marie Skłodowska Curie actions



MSCA - What's in it for Indian researchers?

1. **Innovative Training Networks (ITN)** is the main European doctoral training programme, with a special emphasis on non-academic sector participation and the innovation dimension.

Indian research institutions: This action is meant primarily for organisations such as universities, research centres or companies, which propose a research training network. Indian organisations can join the consortia to submit a proposal (annual calls), although they are not eligible for automatic funding.

Indian researchers can apply to the PhD positions created by these networks, including Industrial Doctorate and Joint Doctorate. The positions are advertised on the [EURAXESS Jobs portal](#). Individual researchers are eligible for funding in this case.

2. **Individual Fellowships (IF)** are for experienced researchers to undertake their own research project at a host organisation in another country, thus gaining new skills through advanced training and possibly intersectoral mobility.

Researchers based in India can apply for a European fellowship, choosing to apply either for a re-integration grant or a scientific grant.

Researchers based in Europe can apply for a global fellowship to carry out research in a third country such as India and to return to Europe. They can also apply for a European fellowship for mobility within the [EU or Associated Countries](#).

Calls are annual and announced on the [Horizon 2020 Participant Portal](#).

EURAXESS Links can help identify potential host organisations in Europe.



3. **Research and Innovation Staff Exchange (RISE)** enables international and intersectoral collaboration, based on short-term staff exchanges between organisations worldwide. The RISE programme is the successor programme of the previous IRSES programme.

Indian research institutions can join a consortia as a partner, but can't receive direct funding from the European Commission for the secondment of their researchers.

4. **Co-Funding of regional, national and international programmes (COFUND)** calls are open to European research institutions and are thus not relevant for Indian research organisations. COFUND results in many high-quality fellowship or doctoral programme positions which include transnational mobility and are advertised on the EURAXESS portal.

Indian researchers can apply directly for COFUND positions advertised on the [EURAXESS Jobs portal](#).

Sources: EURAXESS Links Network newsletter, [Issue 5](#), April 2014; [Come to Europe brochure](#); [Marie Skłodowska Curie Actions \(MSCA\) – European Commission's website](#).

EURAXESS Links India is seeking Marie Skłodowska-Curie Fellows

Are you a former Marie Curie (now Marie Skłodowska-Curie) fellow? Are you living in India? You want to share your experience and earn a travel grant to take part in EURAXESS events?

Contact us by email india@euraxess.net to discuss collaboration opportunities and help us promote the European Research Area.

3 EURAXESS in India

3.1 EURAXESS Science Slam India 2015 | Follow it on Facebook

The 3rd global EURAXESS Science Slam, which will take place in all EURAXESS Links locations (ASEAN, Brazil, China, India, Japan and North America) is already [here](#)! View the promotional trailer [here](#).

Members of the EURAXESS Links India community are invited to **participate** in this competition and/or **help in the dissemination** of it. There is a **dedicated page on Facebook**: <https://www.facebook.com/EuraxessLinksIndia> where visitors and followers will find useful information on the Science Slam.





*The competition is **open to all** career levels starting with MA/MSc candidates - from universities, research institutes or private sector, in all fields of research including Social Sciences and Humanities, Life Sciences and Engineering, of any nationality and age.*

The **1st prize** this year will be the EURAXESS Science Slammer title and a round trip to Europe to meet European Commission officials and attend a one-day science communication training in Brussels and to visit a research institute of the winner's choice in the European Union in 2016.

The [EURAXESS Science Slam India 2015](#) will be organised in partnership with the [Indian Institute of Science \(IISc\)](#) and [IndiaBioScience](#) and with the support of [Alliance française Bangalore](#), [Finnair](#) and [Philips Innovation Campus](#). The latter are European organisations linked to France, Finland and the Netherlands respectively.

In India, the **video submission** period will remain open **until 20 September** 2015. The finalists (no more than five) will be invited to present his or her slam at the live finals in Bengaluru on **Friday 30 October 2015** at Alliance française Bangalore. **All finalists will win** the trip to Bangalore and a short training on science communication prior to the finals in Mumbai.

Read further details and event **Terms & Conditions** [here](#).

Registration **to attend the live finals** as part of the audience, and to help choose the 1st prize winner this year will open late in September. The main event will be in Bengaluru on 30 October 2015. More information will be provided in the September EURAXESS Links India Newsletter.

3.2 EURAXESS Share Event in Kolkata on 3 September 2015

On 3 September 2015, EURAXESS Links India organised with the support of the Indian Association for the Cultivation of Science (IACS) and Calcutta Research Group (CRG) a one-day event on “*Advancing Your Research Career in Europe: Funding and Fellowship Opportunities for Indian Researchers*” in Kolkata. European research organisations, including one Indian ERC grantee, were also invited to attend the event.

The September EURAXESS Links India Newsletter will inform its readers on the outcome of this event, its first one in that part of the country.

The EURAXESS Science Slam and other EURAXESS events have been announced and are posted on [Facebook EURAXESS Links India \(NEW!\)](#).

You can also follow EU Research & Innovation news on the page of the Delegation of the European Union to India: [Facebook EU in India](#).



3.3 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 on the sub-continent.

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

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

- On 25 September 2015, at BITS-Pilani K K Birla Goa Campus in **Zuarinagar** (Goa). Register [here](#) **before 23 September**.
- In mid-October, **Mumbai** (*possible to request a presentation*)
- In early December, **Rohini-tbc** (Haryana) (*possible to request a presentation*)
- Other cities on the agenda with no fixed date as of yet in **2016**: Chennai, Nagkor, Aurangabad or Mandi. Requests to host are welcome.

4 News & Developments

4.1 EU, Member States and Associated Countries

4.1.1 ERC announces its 2016 budget and grant competitions

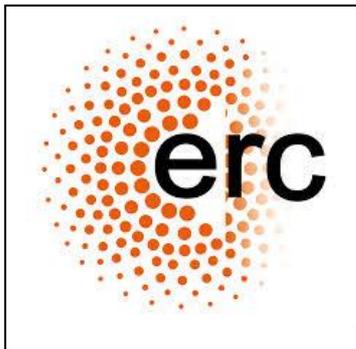
The European Commission has adopted the ERC Work Programme 2016. The programme, established by the ERC Scientific Council, foresees EUR 1.67 billion for grants to top researchers from anywhere in the world who are ready to come or to stay in Europe to pursue their breakthrough ideas. Within the new series of competitions, the first one has opened by the ERC, the call for Starting Grants 2016, with a budget of EUR 485 million with a deadline of 17 November 2015. This scheme is open to researchers with 2 to 7 years of experience since completion of PhD and a promising scientific track record.

Full article: [European Research Council](#)

4.1.2 10 European companies named 'tech pioneers'

The World Economic Forum (WEF) has recognised 10 European companies amongst a class of 49 companies deemed pioneers in technology.

As in previous years, US start-ups dominate, producing 35 pioneers in the fields of IT, life sciences, and energy. There are four winners from the UK, two from the Netherlands and Israel, and single recipients from Canada, Germany, Ireland, Italy, Sweden, Taiwan and China.





To be selected as a Technology Pioneer, a company must develop a major technology or innovation with the potential for long-term impact on business and society. In addition, it must demonstrate vision and leadership, and show all the signs of being a long-standing market leader – and its technology must be proven, according to the Forum.

Full article: [Science | Business](#)



4.1.3 50 groundbreaking scientists who are changing the way we see the world

Business Insider UK compiled a list of 50 scientists from across the globe who are changing the world for the better. Katrin Amunts, working at Jülich Research Centre (DE), has been nominated for her work on the "BigBrain", which aims to create a 3D atlas of the human brain and should lead to unprecedented insights into the construction and organisation of the brain and how it drives our behavior. She is co-leader of the Strategic Human Brain Data subproject.

Full article: [European Commission](#)

See also: [Human Brain Project](#)

4.1.4 JRC annual conference to focus on building a resilient Europe

The JRC's annual conference will take place in Brussels, Belgium on 30 September 2015. Resilience determines the capacity to successfully deal with difficult events and to adapt and overcome adversity, and in a changing world, creates stability, which in turn promotes job creation, economic growth and environmental sustainability. Science plays a key role in this continuous process of building a resilient, stable, competitive and prosperous Europe. The JRC, together with European Political Strategy Centre (EPSC), organises its annual conference bringing together experts, representatives from European institutions and Member States authorities, stakeholders from industry as well as academia addressing a broad audience.

Further details: [JRC](#)



4.1.5 Tracking Innovation in intelligent transport systems

Intelligent transportation systems (ITS) are all around us: they let us know when the next bus will reach our bus stop, help monitor and manage road traffic and make air travel safer. But how does innovation work at this complex intersection between the transport and the ICT industries? The T-TRANS project found answers and laid the foundations for a European ITS innovation network.

Full article: [European Commission](#)

See also: [TTrans](#)





4.1.6 X-Ray experts export excellence

An innovative high end portable x-ray imaging device is not only revolutionising patient treatment but also giving Europe the opportunity to compete on the world stage in a growing global market for medical technology.

Full article: [EUREKA](#)

4.1.7 What space exploration says about Europe

Far away – more than 102 million miles away but moving very fast – the European space probe Rosetta is escorting comet 67P/Churyumov-Gerasimenko on its journey to perihelion, its closest approach to the sun. To make this happen, small cabals of scientists from all over Europe, Asia and America had to dream the impossible, formally propose it, argue the case for it, and devise the technology first to make it happen and then to make it worthwhile. Rosetta is a gleaming instance of what Europe collectively can do so well, writes the Guardian in this editorial piece.

Full article: [The Guardian](#)



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4.2 India

4.2.1 India to see 2,500 MW additional solar power capacity: Report

India is projected to add 2,500 MW of solar power generation capacity this year as the country's solar market is set to "take off", says a report.

Upgrading its earlier forecast for 2015, Mercom Capital Group said the country is on target to become one of the top five solar markets over the next five years.

Read more: [The Economic Times](#)

4.2.2 In 'Digital India,' a 15-Minute Wait for Email

India's Communications Ministry has big plans to connect hundreds of millions of villagers to the Internet. But for now, it is struggling to conquer email.

In a cramped government office, a secretary tells a visitor that it will take 15 minutes for an email she sent to arrive in his inbox. The local broadband connection is poor, he explained.

Read more: [The Wall Street Journal](#)



4.2.3 Kerala, India has the world's first solar-powered airport

The southern Indian city of Kochi is now the proud home of the world's first solar-powered airport.

On August 18, the Cochin International Airport Limited (CIAL)—India's fourth largest international airport in terms of passenger traffic—commissioned a 12 mega watt (MW) solar power project. The airport already had a 1MW solar power plant, which can produce 4,000 units of electricity daily.

With its new solar plant, the airport can now produce 60,000 units of electricity every day, which is more than enough to meet its daily requirement.

Read more: [QUARTZ India](#)

4.2.4 COMSNETS 2016 | Bangalore 5-9 January 2016

The organisers are keen on having participation from European universities and industry.

COMSNETS is a premier international conference dedicated to advances in Networking and Communications Systems. The conference is a yearly event for a world-class gathering of researchers from academia and industry, practitioners, and business leaders, providing a forum for discussing cutting edge research, and directions for new innovative business and technology.

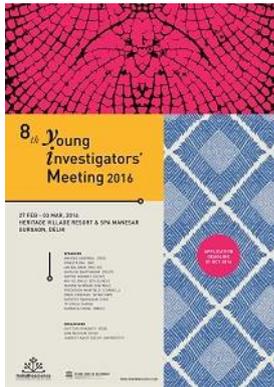
The conference will include a highly selective technical programme consisting of submitted papers, a small set of invited papers on important and timely topics from well-known leaders in the field, and poster session of work in progress. Focused workshops and panel discussions will be held on emerging topics to allow for a lively exchange of ideas. International business and government leaders will be invited to share their perspectives, and will complement the technical program.

Accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases. The conference will recognize one or more papers, demos, posters, and Graduate Student forum presentations with awards, including cash prizes.

Read more: [COMSNETS](#)



4.2.5 Applications open for the Young Investigators' Meeting (YIM) 2016



Application deadline: 1 October 2015

Applications from Postdoctoral Fellows (PDFs) and Young investigators (YIs) will be accepted from September 1, 2015.

The application will have the following components:

i) Post-doctoral fellows

Applications are welcome from Postdoctoral Fellows from anywhere in the world (including India) working broadly in the area of Life Sciences and have an interest in pursuing a science career in India. The applications can be completed online with the following items:

- a) Resume
- b) Short write-up on your research work
- c) Statement of purpose about why you want to participate in YIM 2016
- d) Recommendations from at least 1 referee.

ii) Young investigators

Applications are welcome from young investigators, from all areas of the Life Sciences, who are in the early stage (<10 years) of their career as an independent investigator. The applications can be completed online with the following items:

- a) Resume
- b) Research focus and vision
- c) Statement of purpose about why you want to participate in YIM 2016

Note: letters of recommendation are not required for YIs.

Meeting costs:

Registration, hotel, and food will be provided. The organisers will reimburse economy air within India for YIs. They hope to be able to reimburse partial cost for international airfare for PDFs (estimated at \$500-750). The amount of this reimbursement will depend upon final grant funding received for YIM 2016. Local transport to the local airport will not be covered; however, transport to and from Delhi will be covered and organised.

Read more: [IndiaBioscience](#)

4.2.6 IndiaBioscience: launch of new website

IndiaBioscience is very excited to announce the launch of their newly designed [website](#). The new website reflects IndiaBioscience's vision as it moves forward and explores new directions, and is designed to offer a more streamlined experience for its users. Find the latest [news](#), [articles](#) and [videos](#) about Indian biology and research, information about relevant [jobs](#), [grants](#) and [events](#), and a [database](#)





of Indian institutes, universities and colleges where biology is done. They look forward to hearing your valuable feedback about their new website.

Visit the website: IndiaBioscience

4.3 India-Europe cooperation

4.3.1 Call for Book chapter proposals – second version | Influencing & Lobbying Practices for Social Change in European and Indian Societies

Deadline for abstract: 1 October 2015

Two books to be published in Europe and in India, in French and in English. The authors of the project are seeking contributions.

Actual governance is connected with digital networks, with influence, lobbying, and efficiency.

Influence and lobbying are practices issued from global stakeholders and social networks. Influence refers to communication devoted to the spreading of ideas. Lobbying refers to legal aspects associated with changing a law according to a group's interests, at least in European institutions. In this regard, we consider the existing lobbying regulation, rules and procedures in Brussels as a model. Efficiency refers to the quality of actors to be organised and strategised while campaigning.

All proposals will be peer reviewed.

Two publishers will publish the selected papers in France and in India in 2016.

Date for abstract: **1st October 2015**

Authors will be informed by **mid November 2015**.

Date for chapters (5000 to 9000 words): **1st March 2016**

Send your proposal to Olivier.arifon@ulb.ac.be under "your_name_socialchange.doc"

Prof. Olivier Arifon, Research fellow at Université libre de Bruxelles, on lobbying for social change. Consultant on communication, Influence and lobbying, Point of View ASBL.

Read more on the project: [EURAXESS Links India](#)

4.3.2 EU-India STI Days 2015, 15-16 October Rome (Italy), : Registration open now!

The Conference "Water for Health: EU-India STI Cooperation Days 2015", aims at supporting new research and business networks on issues of priority interest for India and Europe.





The event is supported by the European Commission, jointly organised by the EU-funded projects INDIGO POLICY and INNO INDIGO and in partnership with The European Technology Platform for Water (WssTP).

SMEs, researchers and policy makers will participate in the conference to learn about the latest policy developments and funding opportunities, meet potential new partners, discover how Europeans and Indians can work together to tackle common challenges, and participate in remarkably interactive discussions to shape the future cooperation between Europe and India.

EURAXESS Links India will be part of the programme, too.

More information on the conference website: [click here](#)

4.3.3 Slam your way to Europe by IndiaBioscience

This science communication contest challenges researchers to share their research with a general audience — clearly, creatively and succinctly.

Can you explain your research to a person who is not an expert in your field, say a dancer or a policy maker, in 5 short minutes? That's the challenge extended by the [EURAXESS Science Slam India 2015](#). The 3rd edition of this science communication competition has just been announced by EURAXESS Links India in partnership with [IndiaBioscience](#) and the [Indian Institute of Science](#)—researchers can send in their video entries before **20 September 2015** to qualify.

The focus of the Science Slam is on presenting concepts in an entertaining and engaging manner, while remaining comprehensible and concise. Participants are invited to give live experiment demonstrations, rap, tap dance or simply make a good old presentation that gets the message across. The audience is the final judge.

“Science communication is not an easy exercise, particularly when the complexity and the relevance of one’s own research needs to be explained to a lay person. Nevertheless, it is a very useful 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,” says Anand K Das, winner of Science Slam India 2014. Since its inception in Darmstadt, Germany in 2006, this format of science communication has been rapidly growing in popularity. It was brought to India by [EURAXESS Links India](#) as part of the EURAXESS Global Science Slam in 2013.

Read full article: [IndiaBioscience](#)





4.3.4 Indian scientist receives European award for biomedical research

Dr Vijay Tiwari, a scientist of Indian origin, was honoured with the Wilhelm Sander Award on June 12 in recognition of his outstanding research in the biomedicine field. He received this award at a ceremony in Munich with Nobel Laureate Prof. Dr Harald zur Hausen as the chief guest. Dr Tiwari currently heads a team of international scientists at the Institute of Molecular Biology in Germany, where he and his team are researching the cellular processes underlying development and cancer.

Read more: [Times of India](#)

4.3.5 Airline IndiGo orders 250 A320neos, a record for Airbus

IndiGo, India's biggest airline, firmed up an order to buy as many as 250 Airbus Group SE A320neo single-aisle jets, giving the European planemaker its biggest ever order by number of aircraft.

With the order, Airbus has a backlog for more than 4,100 A320neo planes, the company said in an e-mailed statement Monday. The contract, coming after an initial commitment signed last year, could be valued at as much as \$26.6 billion based on list prices, before customary discounts.

IndiGo's move underscores growth plans for the decade-old budget carrier, which has a 38 percent share of the local market. The purchase is in line with the ambitious plans of other Asian budget carriers, who are expanding to serve a burgeoning middle class in a fast-growing aviation market.

Read more: [Bloomberg Business](#)

4.3.6 Joint Centre on Clean Energy: Expert Meeting

RCUK Energy and the Indian Department of Science and Technology (DST) organised an expert meeting in June 2015 to discuss the specific challenges around clean energy and agreed that the aim of the joint virtual centre would be to solve the integration of intermittent renewable energy with energy storage for grid and isolated communities in India and the UK with a view to grid integration.

The UK's Engineering and Physical Sciences Research Council (EPSRC) will invite the [Supergen hubs](#) to submit joint proposals in partnership with Indian partners selected through peer-review by DST. The key areas of focus for this centre will be solar, storage and networks, as well as further development of existing RCUK-India projects in these areas.

4.3.7 Atmospheric Pollution & Human Health in a Developing Megacity: Scoping Workshop

The UK's Natural Environment Research Council (NERC) and Medical Research Council (MRC) in partnership with India's Ministry of Earth Sciences (MoES) and Department of Biotechnology (DBT) and support from RCUK India held a successful workshop in May 2015 in New Delhi, to



facilitate networking, discussion and enable researchers to share ideas on key research questions in the area of atmospheric pollution and human health which will contribute in improving air quality in Delhi.

A call for research based in India will be announced shortly.

Read more: [NERC](#)

4.3.8 SESEI Newsletter Europe - July 2015

As you may have noticed in earlier editions of this newsletter, India is abuzz with a lot of activities and actions surrounding the topics of Smart City, Digital India, Make in India, introduction of new consumer protection laws and BIS (Bureau of Indian Standards) Act, to name a few.

In this newsletter, you will read more about the Urban Development Ministry's release of operational guidelines on three mission mode projects — Smart Cities Mission, Atal Mission for Rejuvenation and Urban Transformation (AMRUT) and Housing for All in Urban Areas. The Government of India has now launched a nation-wide 'smart city' project through a competition, in which state governments will compete with one another to have their cities among the 100 to be funded and developed.

The Department of Telecommunication (DoT) under the Ministry of Communications & IT has released an M2M roadmap document and technical reports on M2M enablement in Power, Automotive (Intelligent Transport Systems), Health (Remote Health Management), Safety & Surveillance Sectors and on M2M Gateway & Architecture

The newsletter includes news and developments on eleven different sectors including Smart Cities, Automotive, ICT, Machinery, R&D and Innovation, etc.

Read Newsletter [here](#)

4.3.9 SESEI I Newsletter India - July 2015

SESEI Newsletter – India, covers the latest updates and news from Europe. Readers will find some of the key lessons that can be taken from the joint CEN, CENELEC and ETSI Smart and Sustainable Cities and Communities coordination group (SSCC-CG), a standardisation group defining European interests and needs in this important area. The SSCC-CG latest reports and recommendations are now online (under News and Events).

In this edition readers will also find the results of another CEN, CENELEC and ETSI joint, the Smart Grid Coordination Group (SG-CG), working on the development of standards for the deployment of 'Smart Grids'.

Another important development reported in this issue is the commitment of CEN and CENELEC to develop standards that will support the transition to a cleaner and smarter economy – notably by reducing waste, improving energy efficiency and promoting the take-up of 'smart' solutions that make good use of new technologies.

About Project SESEI

SESEI stands for “Seconded European Standardization Expert in India” and is a 5 partner’s project based in New Delhi, India, with the objective to increase visibility of European standardization and promote EU/EFTA-India cooperation on standards and related issues.

The Project is managed by the European Telecommunications Standards Institute (ETSI), a European Union recognized Standards Organization, and is further supported by the other two recognized EU Standards Organizations CEN and CENELEC. The two other partners to this Project are the European Commission and the European Free Trade Association.

It is a Standardization focused project, with a priority emphasis on the following sectors: ICT, Automotive, Machinery, and Electronic Appliances including Consumer Electronics.



CEN and CENELEC have also created an online tool that will help entrepreneurs and SMEs to learn about standards and get involved in standardisation, which is a key objective of the EU Regulation on European Standardisation (1025/2012).

The newsletter also includes information on an independent research report on the economic contribution of standards to the UK economy and businesses conducted by independent experts at the Centre for Economics and Business (Cebr) and commissioned by British Standards Institute (BSI). The report is the most comprehensive study to date on the economic benefits of standards while looking at economic data from 1921-2013.

The abovementioned topics are some of the topics covered in this newsletter.

Read Newsletter [here](#)

4.3.10 First issue of the Nordic Centre in India Newsletter!

The Nordic Centre in India (NCI) is a consortium of leading universities and research institutions in Denmark, Finland, Iceland, Norway, and Sweden. Established in 2001 with the objective of facilitating cooperation in research and higher education between the Nordic countries and India, NCI facilitates and supports a wide range of study and research activities in India and in the Nordic countries.

With a regular newsletter, the NCI will from now on provide its members, partners and interested people with relevant information, recent activities, latest developments and upcoming events related to the NCI.

In this issue you will find:

- A welcome letter by NCI's Director
- NCI Summer Courses 2015 presentation
- Article on 'Changes in the Indian Higher Education Landscape'
- Upcoming Events

Read more: [Nordic Centre in India](#) and [EURAXESS Links India](#)

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 ERC Starting Grant I Call now open

Deadline: 17 November 2015

In a nutshell:



- For researchers of any nationality with 2-7 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 EUR1.5 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

Read more: [Horizon 2020 Participant Portal](#)

5.3 Chevening Rolls Royce Science and Innovation Fellowship Programmell India target

Application deadline: 19 October 2015

The Chevening Rolls Royce Science and Innovation Leadership programme is a tailor-made fully funded programme for high flying mid-career professionals (**12 Indians** and 2 Sri-Lankans) working in the fields of science, innovation and related public administration.

The fellowship covers all costs including tuition, air fare and accommodation.

Programme Duration 13 April - 24 June 2016

Applications are open from **11 September - 19 October 2015**

Read more: [Chevening](#)



5.4 Second Indo-Brazil Joint Call for Proposal (2016-19)

Application deadline: 30 September 2015

The Indian Department of Biotechnology, Ministry of Science and Technology (MST) and Brazilian Ministry of Science, Technology and Innovation (MCTI) invite Indian and Brazilian Universities, Research Centres, Institutions and Industries to submit joint proposals for scientific and technological R&D translational projects in the area of Biotechnology. This call for proposals lies within the "Agreement on Scientific and Technological Cooperation between the Government of the Republic of India and the Government of the Republic of Brazil" concluded on 30 March 2012 in New Delhi, India.

I - OBJECTIVE

The objective is to broaden and deepen cooperation in Science & Technology in the field of Biotechnology; to encourage industrial R&D and related investment flows, bilaterally and/or regionally in the field of Biotechnology and to promote transparency through exchange of information and cooperation among relevant institutions.

II - PRIORITY RESEARCH AREAS

In the area of Biotechnology, the following research areas will be given priority in the present call for proposal: i. Agriculture biotechnology of Sugarcane ii. Biofuels from sugarcane, algae and other innovative approaches iii. Red biotechnology focusing on infectious and neglected diseases iv. White Biotechnology including scaling up and downstream processes for biopharmaceuticals, vaccines and medical products.

Read more: [IndiaBioscience](#)

5.5 Newton-Bhabha I Cultural Heritage and Rapid Urbanisation in India

Deadline: 22 September 2015

The Humanities Research Council (AHRC) and the Indian Council for Historical Research (ICHR) have announced a joint call for Research Networking projects addressing the theme of 'Cultural Heritage and Rapid Urbanisation in India'.

Funding of between £30,000-£45,000 per project for UK applicants is available on a full economic cost (fEC) basis with AHRC meeting 80% of the fEC. Matched resources are available from ICHR for Indian applicants. Awards should have a duration of up to 6 months and will be expected to start between 1 December 2015 and 1 February 2016. It is expected that 4-5 awards will be made under this call.



Awards will be funded through the Newton Fund - a 5 year programme that aims to strengthen research and innovation partnerships between the UK and emerging knowledge economies.

Read more: [EURAXESS Links India website](#)

5.6 International Max Planck Research School for Global Biogeochemical Cycles

Deadline: 29 September 2015

The IMPRS-gBGC located in Jena, Germany, offers contracts to outstanding students interested in research on biogeochemical cycles in the Earth system. The school provides excellent research possibilities for students to obtain a PhD degree in a 3-years graduate programme. Besides the PhD project, there will also be a three-month external research visit, in statistics, Earth observation, modelling and analytical techniques, as well as in soft skills. Applications are welcome from highly-qualified students from all countries. Applicants must hold (or are about to receive) a Master of Science, German 'Diplom' or equivalent degree in natural sciences. Proficiency in English is required, since English is the official language of the program.

Read more: [IMPRS-gBGC](#)

5.7 Georg Arnhold Visiting Research Professorship

Deadline: 1 October 2015

The Georg Eckert Institute for International Textbook Research in Braunschweig, Germany, invites applications for the 2016/2017 Georg Arnhold Visiting Research Professorship in Education for Sustainable Peace. The Visiting Research Professorship's focus lies in educational media and curricula at the secondary school level in post-conflict or transitional societies. The appointment is for a three to six months research stay in Braunschweig and offers distinguished scholars from the humanities, political and social sciences, education sciences or law the opportunity to conduct research projects or to complete major publications without teaching or administrative obligations.

Read more: [Georg Eckert Institute](#)

5.8 Lindau Nobel Laureates Meeting 2016

Deadline: 10 October 2015

The 66th Lindau Nobel Laureates Meeting 2016, dedicated to Physics and closely related topics this time, is going to held be in June/July 2016. A group of Indian students and young researchers is sent every year to Lindau, Germany, by the Indian Department of Science and Technology and the Lindau Council to discuss major issues of importance to their fields with Nobel Laureates and also with other students from around the world.



Participants should be under 35 years of age. Master students, doctoral and post-doctoral researchers can apply. Selected researchers will get an opportunity to stay in Germany for two weeks. The second week will include a trip to select German institutes of repute and is sponsored and organised by the German Research Foundation (DFG).

Read more: [DST](#)

5.9 Germany: Science Tour 2016: City of the Future – Research for Sustainable Urban Development

Deadline for applications: 25 September 2015

On the occasion of the Year of Science 2016 "City of the Future", launched by the Federal Ministry of Education and Research (BMBF), the German Academic Exchange Service (DAAD) invites international, experienced scientists to learn more about research activities in the area of urban transition, mobility and logistics at German universities and research institutes. The Science Tour offers German and international researchers the opportunity to discuss current developments with regard to future urban development and to define common areas of interest as starting points for future cooperation.

The Science Tour 2016 is part of the "Research in Germany - Land of Ideas" campaign, initiated by the BMBF in 2006 to strengthen and expand R&D collaboration between Germany and international partners.

The tour is planned to take place 31 January - 6 February 2016.

Read the call for applications on [Research in Germany](#)

5.10 POLONEZ: funding addressed to incoming researchers for 12-24-month (MSCA COFUND)

Deadline: 15 December 2015

A funding programme addressed to incoming researchers who may apply for 12-24-month fellowships in host institutions in Poland.

Applicant: incoming researcher – a doctoral researcher with a PhD degree or at least four years of full-time equivalent research experience who at the time of recruitment by the host organisation has not resided or carried out their main activity (work, studies, etc.) in the country of their host organisation for more than 12 months in the 3 years immediately prior to the reference date.

Fellowship duration: 12-24 months

Funding:

Researcher receives:

1. Salary: EUR 4,050 gross/month (full time contract)



2. Mobility allowance: EUR 300 gross/month

3. Family allowance: EUR 300 gross/month

4. Research grant

5. Opportunity to participate in research and non-research training organised by the NCN.

Host Institution receives overheads at a rate of up to 20%.

CALL ANNOUNCEMENT: 15 September 2015

CALL DEADLINE: 15 December 2015

RESULTS: June 2016

Read more: [National Science Centre Poland](#)

5.11 Forthcoming calls

Under HORIZON 2020:

Revised HORIZON 2020 Work Programme 2014-2015: [here](#) (check for documents ending with "v.2" under H2020/Work Programmes/2014-15/Main WP).

Note: Work Programme 2016-2017 has not been adopted yet. As soon as it is, EURAXESS Links India Newsletter readers will be among the first to know about it.

European Research Council (ERC)'s Work Programme 2016: [here](#)

Industrial Leadership I Horizon Prize I [MATERIALS FOR CLEAN AIR](#)

Planned opening date on 26/01/2017



5.12 Calls still open (over 50 opportunities!!)

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



HORIZON 2020 – Calls for proposals (collaborative projects): access all calls under **Industrial Leadership** and **Societal Challenges** pillars on the [Horizon 2020 Participant Portal](#).

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

A few new calls were launched in March under the Societal Challenges pillar.

EURAXESS Links India pays particular attention to calls open to individual researchers under the **Excellent Science** pillar (see below).

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



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

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

First deadline: 5 February 2015 - **CLOSED**

Intermediate deadline: 28 May 2015 - **CLOSED**

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

Excellent Science I [Marie Skłodowska-Curie Co-funding of Regional, National and International Programmes \(COFUND\)](#)

Deadline: **1 October 2015**

Indian entities are not entitled to automatic funding under this call. Indian nationals, however, are usually eligible for CONFUND funding to be awarded under CONFUND projects. This can be to pursue a doctoral programme or as part of a fellowship programme.

The COFUND scheme aims to stimulate regional, national or international programmes to foster excellence in researchers' training, mobility and career development, spreading the best practices of Marie Skłodowska-Curie actions.

Call open for engaged scientists with strong competence in CRISPR technology by EU Marie Curie Chair

The [EU Marie Curie Chair I Birgit Arnholdt-Schmitt](#) is especially dedicated to initiating new directions in thinking in the area of applied botany by combining interdisciplinarity and systemic thinking, and through linking fundamental leading-edge research directly to application in molecular plant breeding for sustainable agriculture and for alternative energy supply.

Societal Challenges I [Green Vehicles 2014-2015](#)

Deadline: **15 October 2015**

Societal Challenges I [Mobility for Growth 2014-2015](#)

Deadline: **15 October 2015**

Industrial Leadership I [Horizon Prize I Better use of Antibiotics](#)

Deadline: **17 August 2018**

The Horizon Prize for **better use of antibiotics** is a EUR 1 million prize that will be awarded to the person or team who can most effectively meet the following challenge: develop a rapid test that can identify at the point of care patients with upper respiratory tract infections that can safely be





managed without antibiotics. In this context "Upper Respiratory Tract Infections" include pharyngitis, sinusitis, otitis as well as bronchitis.

Industrial Leadership | [Horizon Prize | Breaking the Optical Transmission barriers](#)

Deadline: **15 March 2016**

The Horizon Prize for **breaking the optical transmission barriers** is a EUR 500,000 challenge prize. It will be awarded to a solution that maximises the fibre capacity per channel, spectrum range and/or spectral efficiency and reach. It should also be energy efficient, economically viable, and easy to install and deploy. The solution should have a strong potential to be adopted in future generations of optical-system products. The feasibility of the approach will have to be demonstrated through clear experimental results.

Industrial Leadership | [Horizon Prize | Collaborative Sharing of Spectrum](#)

Deadline: **17 December 2015**

The Horizon Prize for collaborative spectrum sharing is a EUR 500,000 challenge prize. It will be awarded to an innovative and disruptive approach which will enable a significant increase in spectrum sharing and re-use, beyond the currently applicable spectrum sharing methods and centralised techniques. The winning solution should be a significant step forward from current technologies and solutions in terms of shared spectrum usage metrics and will have to prove its economic viability. The feasibility of the approach will have to be demonstrated through clear experimental results.

Industrial Leadership | [Fast Track Innovation - Pilot \(2015-2016\)](#)

Proposals can be submitted at any time as of 9 January 2015, yet will be ranked following three cut-off dates in 2015: April 29 (CLOSED), September 1 (CLOSED) **and December 1**. The three cut-off dates for 2016 will be made public at a later time. FTI Pilot in Horizon Work Programme 2014-2015: [here](#)

Other European calls (Europe-India specific or where India involved):

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

Deadline: **no deadline applicable.**

Indo-Spanish: 3rd Joint Call for Technological Co-operation in Biotechnology

Deadline: **30 September 2015**

This joint call for proposals aims to launch ambitious joint projects of a high international standard between Indian and Spanish organisations. Potential projects will be funded by [DBT](#) in India and [CDTI](#) (Spain's National Innovation Agency) in Spain.

Calls from European Research Area countries (not only for India):

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

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

**AUSTRIA:** [Austrian Database for Scholarships and Research Grants](#)**BELGIUM-Wallonia:** [BEWARE Fellowships | Industry and Academia](#)

Deadline | cut-off dates: 30 April (CLOSED), 30 June (CLOSED), **30 September** and **30 November 2015**.

Two funding schemes are open to attract researchers in Wallonia/Federation Wallonia – Brussels: (1) BEWARE FELLOWSHIPS Industry and (2) BEWARE FELLOWSHIPS Academia.

The BEWARE FELLOWSHIPS (BElgium WALLonia REsearch) programmes are co-financed by the COFUND program of the European Union (Marie Curie Actions).

FRANCE: [“Connect Talent” 2015 International Call for Projects](#)

Deadlines: 28 April 2015 (closed), **September 2015** and **February 2016**

Support funded by Pays de la Loire Region to research, training and innovation "breakthrough projects".

Eligible fields: acoustics, vegetal, renewable marine energies, numeric, professional electronics, agro food, tourism, material for molecular photonics and organic electronics, European studies, creative and cultural industries, amongst others.

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

GERMANY: [PhD and Postdoc Positions at the Freie University Berlin](#)

Deadline: **no specific deadline**

Applications for 21 Ph.D. positions in the field of Social Science and Natural Science (11 in Social Science & Humanities, 6 in Natural Science) and also 10 positions for Post Docs (4 on Social Science, 6 in Natural Science) invited.

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**

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

Applications will be accepted **twice a year**. Application deadlines for 2015:

I. Period : 16 March 2015 - 20 April 2015 - **CLOSED**



II. Period : 14 September 2015 - 19 October 2015 - **CLOSED**

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

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

Next full application closing dates: **6 November 2015**



Horizon 2020: Call of expression of interest for experts

Additional details can be found in the [Participant Portal](#). *We encourage experienced researchers to check it out 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

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! **It includes fellowships such as Marie Skłodowska-Curie as well as vacancies advertised by Science AAAS (the American Association for the Advancement of Science) and Alumniportal (Germany).** EURAXESS Jobs vacancies are also seen at the Naturejobs portal.

Currently, there are 5442 research jobs and fellowship programmes (all over Europe but also in other countries such as in India and in all disciplines, including social sciences and humanities) accessible via the EURAXESS Jobs database.

Most jobs are open to researchers of any nationality.

6.2 JRC Call for expressions: European Researchers (postdocs) – *Still open*

The Joint Research Centre (JRC) has just launched a call for expressions of interest to recruit on fixed-term contracts. As the European Commission's in-house science service, the Joint Research Centre provides the science for EU policy making, providing a unique opportunity to make your work count. Successful candidates will work in one of the JRC sites, located in Germany, Belgium, Italy, Spain and the Netherlands.

The selection is open to applicants from the EU Member States or from one of the countries associated with the Horizon 2020 research and innovation programme.

Eligible fields are: Biology, Chemistry, Natural Sciences, Life Sciences, Biochemistry, Oceanography/Marine Sciences, Nanotechnology, Nanobiotechnology, Veterinary, Engineering, Mathematics, Physics, Computer Sciences, Statistics, Material Sciences, Economics, Political Sciences, Social Sciences, Educational Sciences, Psychology, Geography, Environmental Sciences, Agricultural Sciences, Agricultural





Engineering, Meteorology, Ecology, Forestry, Geology, Hydrological Sciences, Medical Sciences, Pharmacy, Nutritional Sciences.

More info: [Joint Research Centre](#)

6.3 Vacancies for PhD in Europe at DSM

Royal DSM is a global **science-based** company active in **health, nutrition and materials** (headquarters in the Netherlands). By connecting its unique competences in **Life Sciences and Materials Sciences** DSM is driving economic prosperity, environmental progress and social advances to create sustainable value for all stakeholders simultaneously.

More on DSM: [here](#) | Vacancies: [here](#)

6.4 PhD position at Forschungszentrum Jülich (Germany)

Application Deadline: Till the position is filled

Forschungszentrum Jülich (Germany) seeks a PhD student with a master in physics or in chemistry, possibly with experience in density functional theory and/or in molecular simulation, for projects on copper and iron proteins involved in neurodegeneration. The PhD position is available for 3 years.

Read more: [German House for Research and Innovation New Delhi](#)

6.5 One Post-Doctoral candidate in Department of Energy and Environment, TERI University, Delhi (India)

Application deadline: 27 September 2015

Eindhoven University of Technology, the Netherlands; TERI University, India; Power Research Electronics, the Netherlands; and Rural Spark Energy India Pvt. Ltd have initiated a collaborative project on 'Developing and implementing smart grids in rural India' with support from The Netherlands Organisation for Scientific Research.

Qualification: Doctorate in electrical, electronics and communication, or power electronics disciplines from reputed institutions. Candidates with prior experience will be given preference.

What is on offer: 3-year fellowship starting end of 2015.

Eligibility: open to Indian and international candidates.

Read full advertisement on [EURAXESS Links India](#)



6.6 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 arm (i.e. for outside Europe).

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

6.7 India: Jobs at DevNetJobsIndia

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

6.8 India: Jobs at IndiaBioScience

IndiaBioscience is a non-profit science outreach initiative created to fulfill the niche gap within the Life Science sector in India. IBS is envisioned to function as a catalyst organisation that will invigorate the various activities associated with establishing a strong hold for scientific research on the global scene – this includes recruitment, networking, collaborations, research oriented education and science communication.

IndiaBioScience is your Gateway to Indian Biology!

7 Events in Europe and India

Event (click on event title for more details)	Location	Date
7.1 Europe		
Events announced under Horizon 2020 website The website includes information on the Information Days by the European Commission and Brokerage events	<i>Check link</i>	<i>Check link</i>
EXPO Milano 2015: Feeding the Planet Energy for Life	Milan, Italy	1 May-31 October
27th European Union Contest for Young Scientists by the European Commission	Milan, Italy	17-22 September
EURAXESS Roadshow 2015 across Europe	16 countries 34 stops	5 Oct.- 20 Nov.
ICT 2015 - Innovate, Connect, Transform by the European Commission with the Fundação para a Ciência e a Tecnologia Portugal	Lisbon, Portugal	20-22 October



ESOF 2016 (next year!)	Manchester, UK	22-27 July 2016
7.2 India		
EURAXESS Science Slam India 2015 Pre-selection closes on 20 September 2015	On-line	10 July - 20 September
EURAXESS Information Session at BITS-Pilani with participation of EU Delegation to India, CNRS and the Embassy of France	Zuarinagar, Goa	25 September
EURAXESS Connect event on Science Communication	Mumbai, Maharastra	17 October 2015
9th Renewable Energy India Expo 2015	Greater Noida, NCR	23-25 September
EURAXESS Science Slam India 2015 Live finals	Bengaluru	30 October
Intersolar India 2015	Mumbai, Maharastra	18-20 November

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 transnational mobility. Membership is free.

Visit us at india.euraxess.org and click on **Login Community / Join the EURAXESS Links India community** on the right-hand side of the page.

EURAXESS Links is a European Commission's Directorate-General for Research and Innovation initiative. It has thus far been launched in the ASEAN (encompassing Singapore, Thailand, Malaysia, Indonesia and Vietnam), Brazil, China, India, Japan, and North America (USA & Canada).