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EURAXESS LINKS INDIA

Dear Colleagues,

It is my pleasure to present to you the ninth 2015 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 **highlights** several EURAXESS Links India events (i.e. the outcome of the pre-selection of the EURAXESS Science Slam India 2015; the EURAXESS Connect on science communication in Mumbai on 17 October, the live finals of the EURAXESS Science Slam in Bengaluru on 30 October and the recent EURAXESS Share on advancing your research career in Europe in Kolkata). Registration to attend the events in Mumbai and in Bengaluru is open (see section 2 EURAXESS in India). Follow the Science Slam on [Facebook](#).

In addition to the **EU Insight** on *Progress in setting up the Commission's new scientific advice mechanism* you will find information on **News** related to research and innovation in Europe and India, a selection of **Grants and Fellowships**, a collection of **Job opportunities** (over **6736** in **EURAXESS Jobs**, one as *EURAXESS Links India Support Officer*) as well as information on upcoming **Events** (in Europe and India).

If you have any comments or remarks on the newsletter or the website, or if you would like to include a funding scheme, 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 in the beginning of the Indian festivals season!

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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.

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1 EU Insight – Progress in setting up the Commission’s new scientific advice mechanism

Officially endorsed in mid-May by European Commission (EC) President Jean-Claude Juncker, decisive progress was announced in mid-September regarding the set-up of the Commission’s new instrument for delivering high quality, timely, independent scientific advice across all policy areas—the Scientific Advice Mechanism (SAM). (For more information on the mechanism, refer to the June 2015 EU Insight here.) Coordination of SAM will be the responsibility of an independent high-level group of seven researchers appointed by the European Commission. With over 150 researchers nominated for this group, the set-up of the mechanism is right on track.

“[W]hen we come to make important policy decisions based on scientific evidence – we need independent scientific advice”. (Carlos Moedas, 15 September 2015.)

Speaking to European Parliament in mid-September, Commissioner Carlos Moedas, responsible for Science, Research and Innovation within the college of commissioners, stated that “[t]he role of the new High Level Group will be to make sure that the Commission has the best available scientific advice, wherever it comes from. It should guarantee the quality and independence of the advice provided. It should also help identify topics where independent advice is needed”.

To identify the high-level group members, two steps were taken before the summer: the appointment of an Identification Committee and the launch of an open consultation for nominations. The Identification Committee, which is comprised of three members--Sir David Kind, professor Rianne Letschert and António Vitorino, began consultations in mid-July. With the closing of the consultations on 10 September, more than 150 researchers and scientists have been nominated in total. The next phase in the process will be the selection of potential high-level group members by the Identification Committee. These members will be proposed to the European Commission (by end of October). “It is my firm intention that the Group will be launched and have its first meeting before the end of the year”, stressed Moedas.

Sources and further information

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2 EURAXESS in India

2.1 EURAXESS Science Slam India 2015 | The new finalists



The 3rd global EURAXESS Science Slam, which is taking place in all EURAXESS Links locations (ASEAN, Brazil, China, India, Japan and North America) is now [here](#)! View the promotional trailer [here](#). A LIVE finals event will be taking place this October in every EURAXESS Links location.

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 new India finalists, listed in alphabetical order, are:

Ms Abhilasha Kumar, Master student (Ashoka University, Haryana) with “Cognitive Experiments on Life-Logs (CELL)”

Mr Anbuselvan KKN, PhD candidate (Indian Institute of Science Bangalore) with “Experimental investigation of magneto-aerodynamic interaction studies in Hypersonic flows”

Mr Naresh Selokar, PhD (ICAR-Central Institute for Research on Buffaloes, Haryana) with “Animal Cloning: Way to create handsome bulls”

Mr Souvik Mandal, PhD candidate (Indian Institute of Science, Bangalore) with “How do animals find the way back home”

Mr Sumeet Kulkarni, M.S. student (Indian Institute of Science Education (IISER) Pune) with “Optical follow-up observation of gravitational wave sources”

Ms Varsha Varakantham, PhD candidate (National Institute of Nutrition-ICMR, Hyderabad) with “Genetic polymorphism and Vitamin D status in essential hypertension – a case control study”

The video entries received for the pre-selection phase were of very high quality, leading to the review panel's decision to accept six finalists.

Come and meet them in Mumbai or Bangalore!

The six finalists will be attending a training on science communication in Mumbai before they go on stage at the live finals in Bengaluru. Both events are open to researchers based in Mumbai or Bengaluru respectively.

To attend the *EURAXESS Connect event in Mumbai on 17 October 2015* click [here](#). Registration closes on 14 October 2015.

To attend the *EURAXESS Science Slam India 2015 LIVE finals in Bangalore on 30 October 2015* click [here](#). Registration closes on 28 October 2015.



The [EURAXESS Science Slam India 2015](#) is being 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.

EURAXESS Links India community members and readers of this newsletter may follow the EURAXESS Science Slam India **on Facebook**: <https://www.facebook.com/EuraxessLinksIndia>

2.2 EURAXESS Event in Mumbai on 17 October | “Communicating Science Out Of The Lab”

This is a EURAXESS Connect event on science communication jointly organised with HBCSE and TIFR Outreach.

Have you heard about the EURAXESS Science Slam? Want to communicate science in a fun and engaging manner? Sign up for an intensive, hands-on one-day workshop on science communication conducted by Prof. Arnab Bhattacharya and the TIFR outreach team!

Meet the EURAXESS Science Slam India 2015 finalists!!!

To participate: If you are a student/teacher/researcher, send a mail to euraxess.india@gmail.com by 14 October 2015 indicating in less than 25 words why you think this workshop is for meant for you!

Update on 15 October 2015: registration is closed. Any new registration will be added to the ‘waiting list’ and confirmed on 16 October (only if seats available).

Participation is free of charge. No funding available for travel & accommodation.

BONUS: Find out how EURAXESS-Researchers in Motion can help you access the European Research Area (40 countries)! There are many funding opportunities such as Marie Skłodowska-Curie Actions and European Research Council Grants under Horizon 2020 or Erasmus+ that the European Union has to offer to researchers in India.

More details on: [EURAXESS Links India](#)

2.3 Come and Choose the EURAXESS Science Slammer India 2015 in Bangalore on 30 October 2015 | REGISTRATION OPEN

Support the finalists with your friends! The audience will be choosing the 1st prize winner! The LIVE finals will also be a good networking opportunity for researchers of all nationalities, industry and representatives of European embassies. The event is also open to the general public. To help in this fun, memorable and fruitful evening, European-style food by Toscano will be offered to the participants.

DATE & TIME: Friday 30 October 2015, 6pm-10pm

VENUE: Alliance française Bangalore

GESTS: researchers, industry, Embassies, etc

To enjoy an evening of SCIENCE & FUN *register* by writing an e-mail to euraxessindiaslam@gmail.com indicating (i) name, (ii) gender, (iii) institute or company associated to, (iv) if planning to take the bus from IISc and (iv) research level or profession **until 28 October 2015**. Limited seats.

More information on: [EURAXESS Science Slam India 2015](#)

2.4 EURAXESS Share Event in Kolkata on 3 September 2015

On 3 September 2015, EURAXESS Links India organised with the institutional 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 event was opened by Vivek Dham, Advisor Research & Innovation, EU Delegation to India, Prof. Santanu Bhattacharya, Director, Indian Association for the Cultivation of Science (IACS) and Dr. Paula Banarjee, Director, Calcutta Research Group (CRG).

The over 125 participants attending the event at Swabhumi-The Heritage Plaza received information on opportunities for individual researchers under Horizon 2020, namely Marie Skłodowska -Curie fellowships and the European Research Council (ERC). Erasmus + was also covered, as well as EURAXESS-Researchers in Motion as the gateway to the European Research Area and EURAXESS Links India as the key that researchers in India can use to connect with or go to Europe to pursue their research careers. Participants also received first hand information from EMBO-excellence in life sciences and the following European research organisation present in India: German House for Research and Innovation-DWIH New Delhi, Heidelberg Centre South Asia, Technische Universität München (TUM), German Academic Exchange Service (DAAD), Centre national de la recherche scientifique (CNRS), EU-STI Platform in India, Delegation of the European Union to India, EURAXESS Links India and European Business and Technology Centre (EBTC).

During the Voice of Researchers session four different researchers shared their own experience with different European programmes. These researchers were: Anand K. Das (Tata Institute of Fundamental Research), EURAXESS Science Slam winner 2014; Dr. S.G. Prakash Vincent. (Manonmaniam Sundarnar University), Marie Curie fellow; Prof. Ummu Salma Bava (Jawaharlal Nehru University), Marie Curie ITN Network (FP7, now Horizon 2020); and Dr. Ahluwalia Balpreet Singh (Indian in Norway), European Research Council grantee. Dr. Srinivasa Kavari (CNRS) presented a



case of bilateral cooperation between India and France and the EU STI Platform in India under INDIGO Policy project.

The event offered enough space for networking between participants and European programmes and projects present in Kolkata, which was very much appreciated by the students, researchers and faculty.

To close the event, the video made by Bappaditya Chandra and Anand Kant Das, 2014 India winner of the EURAXESS Science Slam was officially launched. This video explains the three different parts of this global competition: the pre-selection (submission of video), the live finals (performance by slammers), and the prize (tour in Europe).

In addition to the support received from two renowned research institutes in Kolkata, each in its own field, the event received the support of three active EURAXESS Links India community members (Ananda Chand, Subir Mitra and Uttam Bhattacharya) who EURAXESS Links India want to also thank in this newsletter. This event would have not been what it was without these three researchers and the participants that attended it.

The main presentations made at this “Advancing Your Research Career in Europe” event will be available on [EURAXESS Links India](#). Stay tuned!

2.5 EURAXESS on Facebook

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](#).

2.6 Contacting Marie Curie Fellows in India

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.

EURAXESS Links India is also working on an event addressed to Marie Curie fellows in 2016. Stay tuned if you are one!



2.7 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:

- In early December, **Rohini**, Haryana (tbc) (possible to request a presentation)
- Other cities on the agenda with no fixed date as of yet in **2016**: Kolhapur, Chennai, Nagkor, Aurangabad or Mandi. Requests to host EURAXESS Info Sessions or Info Days are welcome.

3 News & Developments

3.1 EU, Member States and Associated Countries (8 news)

3.1.1 EU and China launch new Co-Funding Mechanism for research and innovation

The high level *Joint Conference in Promoting Excellence through Enhanced EU-China Researcher's Mobility and Cooperation*, that took place in Beijing 7 September, promoted a new co-funding mechanism for research and innovation. The conference was attended by the European Commissioner for Research, Science and Innovation Mr. Carlos Moedas who is visiting China accompanied by Mr. Jean Pierre Bourguignon, President of the European Research Council, and Ms. Nuria Sebastian Galles, Vice President of the European Research Council.

The co-funding mechanism is established by the Ministry of Science and Technology on the Chinese side and the European Commission Directorate General for Research and Innovation on the EU side with funding resources on each side. To implement the co-funding mechanism (CFM) highlighted in the [Joint Statement of the 17th EU-China Summit](#), building on Horizon 2020 on the EU side and relevant research and innovation programmes on the Chinese side, during the period from 2016 to 2020, the European Commission expects to continue spending over 100 million Euros per year for the benefit of Europe-based entities in joint projects under H2020 with Chinese participants. China will match corresponding resources and expects to spend 200 million RMB per year for the benefit of Chinese-based entities which will participate in joint projects with European ones under Horizon 2020.





Also during the Joint Conference, the recent [agreement](#) between the European Research Council (ERC) and the National Natural Science Foundation of China (NSFC) was discussed. This agreement, signed in the margins of the 17th EU-China Summit on 29 June 2015 in Brussels, will stimulate excellence-based, bottom-up collaboration in frontier research by facilitating high-calibre Chinese researchers to come to Europe to join ERC-funded research teams.

Full article: [European Commission > Research & Innovation](#)

3.1.2 10 The European Commission invests EUR 70.5 million for innovative SMEs under Horizon 2020 SME Instrument

Fifty-nine SMEs from 16 countries have been selected in the latest round of Horizon 2020 SME Instrument Phase 2. For each project, the participants will receive up to EUR 2.5 million to finance innovation activities and the development of their business plans.

The companies will also be entitled to benefit from up to 12 days of business coaching.

The European Commission received 962 proposals under Phase 2 by the second cut-off date of 2015 on 17 June. Three-hundred and fifty-seven received an evaluation score above the application threshold and 44 or 12.3%, amounting to total project costs of EUR 93.7 million, have been selected for funding.

Full article: [European Commission > Horizon 2020](#)

3.1.3 Europe celebrates its top young scientists

The former Milan train factory, Fabbrica del Vapore, buzzed with intense activity over the last few days. One-hundred and sixty-nine young researchers aged between 14 and 20 presented their science projects to an international jury in the hope of picking up one of the prestigious prizes. The honours they were competing for were part of the 27th annual European Union Contest for Young Scientists (EUCYS), which concluded with the awards ceremony on 21 September 2015. Aside from the right to count themselves amongst the best young scientists in Europe, the winners also divided up a total of EUR 56 000 in prize money, as well as other coveted prizes such as science trips to Europe's top laboratories and the Intel International Science and Engineering Fair in the US.

Carlos Moedas, European Commissioner for Research, Innovation and Science said: "My warmest congratulations to the winning young scientists! It's good to see so much young talent will enrich science generations to come and help us find new answers to challenges of the future."

Full article: [European Commission > Research & Innovation](#)



3.1.4 Commission presents key research and innovation actions contributing to the Energy Union for all EU Member States

On 21 September [in Luxembourg](#), the European Commission presented the new Integrated Strategic Energy Technology Plan ([SET Plan](#)). The SET Plan promotes research and innovation efforts across Europe by supporting technologies with the greatest impact on the EU's transformation to a low-carbon energy system.

The new SET Plan proposes ten research and innovation actions to accelerate the energy system's transformation and create jobs and growth while ensuring the European Union's leadership in the development and deployment of low-carbon energy technologies. The plan promotes cooperation amongst EU countries, companies, research institutions, and the EU itself. The SET Plan is the first deliverable contributing to the fifth dimension of the Energy Union strategy which is focused on research, innovation and competitiveness

In the following months, EU Member States and stakeholders shall translate these actions into specific recommendations for new research and innovation programmes and activities at the European, national and regional level.

Full article: [European Commission > Research & Innovation](#)

3.1.5 One more step towards an EU-CELAC common research area



Maria Cristina Russo, the Director for International Cooperation of the Directorate-General for Research and Innovation participated in the meeting of Science and Technology Ministers and High Level Officials of CELAC in Quito on 14 and 15 September. The visit to Ecuador took place during the Ecuadorian presidency of CELAC, at the invitation of Mr. Ramirez, Secretary of State for Education, Science and Technology, to ensure a follow-up discussion with CELAC STI Ministers on the June 2015 EU-CELAC Summit decision to move towards a Common Research Area (CRA). At the Ministerial meeting Ms. Russo presented the concept of an EU-CELAC CRA and discussed with them the next steps towards achieving this objective.

In addition to this meeting, the creation of an EU-CELAC Common Research Area was discussed also with the Minister of Development Cooperation, Ms. Rosero, the Vice-Minister of Human Talent, Mr. Rubén Leòn and the Vice Minister of Foreign Affairs Mrs. Silvia Espindola.

More information

- [EU-CELAC information leaflet](#)
- [15 proyectos de Ecuador cooperan con la UE](#)

Full article: [European Commission > Research & Innovation](#)



3.1.6 ERC leaders and 18 grantees take part in World Economic Forum's Annual Meeting of the New Champions

This is the fourth year that the ERC took part in the World Economic Forum's **Annual Meeting of the New Champions (AMNC)** meeting, also known as the "Summer Davos". The ninth AMNC took place in Dalian (China) under the theme "Charting a New Course for Growth". More than 1500 participants, leaders in business, government, research and media sectors from over 90 countries were be part of the three-day debates dedicated to the search of new economic growth engines.

The ERC took part with **ERC President Prof. Jean-Pierre Bourguignon, ERC Vice-President Prof. Núria Sebastian Galles** and **18 ERC grant holders**, which makes it the strongest ERC delegation at AMNC so far. Most of the grantees were young researchers – 12 were part of the AMNC's Young Scientists Programme, which is around one third of all Young Scientists.

Full article: [European Research Council](#)

3.1.7 Over 150 scientists in the frame for new EU science advice panel

Over 150 scientists have put their names forward to join the EU's new science advice panel, the Commissioner for Research Carlos Moedas said this week.

Moedas announced the new Scientific Advice Mechanism (SAM), a seven-member panel of experts to oversee the process of how the Commission gets scientific advice on controversial issues like shale gas or genetically modified organisms, [in May](#).

He enlisted a three-person team, headed by the UK special representative for climate change, David King, to help pick the final panel. King and two others, the chair of the Dutch Royal Academy of Sciences Rianne Letschert and former Justice Commissioner António Vitorino, will filter the submissions and propose a shortlist to Moedas by the end of October.

"It is my firm intention that the group will be launched and have its first meeting before the end of the year," Moedas said.

Full article: [Science | Business](#)

3.1.8 EU hiring rules could catch out universities

Universities could lose up to a quarter of European Union research funding if they fail to comply with new rules designed to promote fair recruitment, a Brussels official has warned. Under the six-year EUR 80 billion (US\$90 billion) Horizon 2020 settlement agreed in May, UK universities are expected to receive roughly £2 billion (US\$3 billion) in EU funding over the next two years.

But institutions could see large amounts of money taken back by the EU if



they do not adhere to new conditions attached to Horizon 2020 funding, said Irmela Brach, policy officer at the European Commission's directorate-general for research and innovation.

Speaking at the Vitae Researcher Development International Conference in Manchester, which took place from 8 to 9 September, Brach said that breaches of the new framework's article 32 – designed to stamp out sexism, nepotism, localism and cronyism when hiring researchers – could lead to severe financial penalties for those who have won European Research Council awards. Termination or suspension of research payments would be possible under the rules outlined in Horizon 2020, which came into effect last November, Brach explained.

Full article: [Times Higher Education](#)

3.2 India

3.2.1 PSLV Successfully Launches India's Multi Wavelength Space Observatory ASTROSAT

In its thirty first flight (PSLV-C30) conducted (28 September, 2015), India's Polar Satellite Launch Vehicle successfully launched ASTROSAT, the country's Multi Wavelength Space Observatory along with six foreign customer satellites into a 644.6 X 651.5 km orbit inclined at an angle of 6 degrees to the equator. The achieved orbit is very close to the intended one. This was the thirtieth consecutive success for PSLV.

PSLV was launched in its heaviest 'XL' version with six strap-on motors of the first stage. The launch took place from the First Launch Pad at the Satish Dhawan Space Centre SHAR (SDSC SHAR), Sriharikota, the spaceport of India.

Read more: [ISRO Indian Space Research Organisation](#) and [Spaceflight Now](#)

3.2.2 India slips to 81 in Global Innovation Index 2015 report

Over the last four years, India has witnessed a reduction in its overall GII ranking, which dropped from 62nd place in 2011 to 76th in 2014, on account of factors like consistently poor performance in ease of doing business, slow pace of policy decision-making and changing political environment.

The study, which ranked 141 economies across the world on their innovation capacity and efficiency, however, said that India has outperformed its peers in the Central and Southern Asian Region (CSA) and positioned itself as innovation achiever in the lower-middle income category.

Switzerland, the UK, Sweden, the Netherlands and the US are the world's five most innovative nations, according to the Global Innovation Index 2015, while China, Malaysia, Vietnam, India, Jordan, Kenya, and Uganda are amongst a group of countries outperforming their economic peers.



The GII study, released on Thursday, was published by Cornell University, INSEAD France and World Intellectual Property Organization (WIPO).

Read more: [live mint](#)

3.2.3 GIS (Geographical Information System) Training Programme on 10-11 September 2015



After organising successful batches of CSR Level 1 training and WASH Level 1 training, TARA Livelihood Academy (TLA) delivered yet another highly informative and positively received certificate training programme on Geographic Information System (GIS). The two-day event was held on 10 & 11 September, 2015 at the Development Alternatives world headquarters in New Delhi.

TARA Livelihood Academy is the special vehicle of the Society for Technology & Action for Rural Advancement (TARA), a social enterprise set up in 1985 at New Delhi, India. It is the 'incubation engine' of the Development Alternatives Group, which has been providing development solutions in India and elsewhere. TLA was set up in 2007 to provide three types of services:

- **Employability Skills:** Aimed at making people employable through Life Skills, Vocational and Self-employment training
- **Entrepreneurship Development:** Aimed at providing entrepreneurship skills through enterprise management courses for beginners, existing entrepreneurs and business expansion courses for enterprise associations
- **Executive Know-how:** Aimed at orienting executives towards development issues through capacity building and consultancy

The training programme on GIS titled 'Enabling a Digital India: Using the Power of Geographic Information System (GIS)' was conducted by the experienced Innovation Solutions Branch, Development Alternatives, led by Mr. Anand Kumar. A total of nine participants from diverse fields such as rural development NGOs, wildlife protection bodies, educational institutes and private infrastructure firms took part. The main objectives achieved by the programme were:

- **Understanding the basics of Geographic Information System (GIS) and how it can facilitate planning and decision making**
- **Getting acquainted with tools, techniques and information via hands-on training that would be required to undertake GIS application in various thematic areas (NRM, Health and CSR)**
- **Case studies from DA's experience in using GIS for various development projects**
- **One-on-one session with each participant on developing a GIS cell in their respective organisations**



The feedback from the participants on the content and delivery of the GIS training module was phenomenal. The two-day session concluded with a guided tour of the Development Alternatives building which can be best described as a living ecosystem: a fine balance of natural and man-made processes employing environment-friendly energy, material and water management methods (<http://devalt.org/OurBuilding.aspx>), and a shopping spree by the ladies at the TARAGram store (<http://www.tara.in/TARAGram-details.aspx>).

3.2.4 Applications open for the Young Investigators' Meeting (YIM) 2016 – Deadline extended until 15/10/2015



Application deadline: 15 October 2015

Applications from Postdoctoral Fellows (PDFs) and Young investigators (YIs) will be accepted from 1 September 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
- c) Statement of purpose about why you want to participate in YIM 2016
- d) Recommendation 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](http://india.bioscience.org)



3.3 India-Europe cooperation

3.3.1 REMINDER | EU-India STI Days 2015, 15-16 October Rome (Italy): Registration still open!



The Conference "Water for Health: EU-India STI Cooperation Days 2015", aims to support 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.

Unfortunately, the EU-India STI Cooperation Days organisers are only able to cover the travel and accommodation costs of invited speakers. Potential participants are invited to look for sources of funding at their institution or national level.

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

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

4 Grants & Fellowships

4.1 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.

4.2 Indo-Swedish Research Collaboration I E-science and antimicrobial resistance

Application deadline: 3 November 2015 in Sweden and 10 November in India

The Swedish Research Council, Formas, VINNOVA and the Department of Science and technology, Ministry of Science and technology in India have opened a joint call for networking grants within the two fields antimicrobial resistance and e-Science for life science.

The proposals should be made jointly by researchers active in Sweden and India. The grant period will be two years with about 250,000–350,000 SEK/year to the Swedish part and app 1.75 million INR/year to the Indian part. The Swedish part of the grant may primarily be used for networking activities including short visits and workshops.

Read more: [VINNOVA](#)

4.3 Newton-Bhabha I Atmospheric Pollution and Human Health in an Indian Megacity

Deadline: 10 December 2015

Natural Environment Research Council (NERC) and the Medical Research Council (MRC) in the UK and the Earth System Science Organisation, Ministry of Earth Sciences (ESSO-MoES) and Department for Biotechnology (DBT) in India are collaborating in a strategic research programme on urban air pollution in the megacity Delhi and impacts on health. NERC, MRC, ESSO-MoES and DBT are inviting initial proposals for a call under this programme. Focus themes include:

- emission validation and sources
- processes: physical and chemical
- exposure validation and health outcomes
- mitigations and interventions

Call Open Date: 21 September 2015

Call Close Date: 16:00 (GMT) on Thursday 10 December 2015



For more information on this call, eligibility and how to apply, visit:
<http://www.nerc.ac.uk/research/funded/programmes/atmospollution/news/aoinitial/>

4.4 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 January 2017



The European University Institute opens the online applications for its doctoral programme in the Humanities

The European University Institute has offered one of the largest and most prestigious doctoral and postdoctoral programmes in the social sciences in Europe for more than 40 years. It hosts more than 900 scholars from over 60 countries. It is located in Firenze (Italy).

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With the programme, researchers get access to high-level research and their independent research is supported by excellent on-site facilities, missions and exchange programmes. Academic life at the EUI is deeply international, dynamic and interdisciplinary.

150 scholarships in four departments are available: economy, history and civilisation, law, political and social sciences.

Are you interested?

Apply online on www.eui.eu/Phd

Start: 2 November 2015

End: 31 January 2016

More info: applyres@eui.eu

Tel. : +39 (0)55 4685 373



4.5 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 Starting Grant](#)

Deadline: 17 November 2015

- 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 EUR 1.5 million (in some circumstances up to EUR 2 million)
- Duration: up to 5 years
- Sole evaluation criterion: scientific excellence of researcher and research proposal

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

The [EU Marie Curie Chair | Birgit Arnholt-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 | [Horizon Prize | 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 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-German: [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 be held 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.

UK: [Chevening Rolls Royce Science and Innovation Fellowship Programme I 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.

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 I Industry and Academia](#)

Deadline I cut-off dates: 30 April (CLOSED), 30 June (CLOSED), 30 September (CLOSED) 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.

POLAND: [POLONEZ: funding addressed to incoming researchers for 12-24-month \(MSCA COFUND\)](#)

Deadline: **15 December 2015**

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

Deadline for application: **different deadlines**

TURKEY: [TÜBİTAK – 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

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.

5 Jobs

5.1 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 6736 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.





5.2 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](#)

5.3 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](#)

5.4 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](#)

5.5 EURAXESS Links India: Support Officer based in Delhi, India

Application deadline: **18 October 2015**



EURAXESS Links is a networking tool for European researchers working outside of Europe and non-European ones wishing to collaborate with and/or pursue a research career in Europe. The tasks of the project are carried out by a dedicated EURAXESS Links Country/Regional Representative. The Support Officer shall assist the EURAXESS Links Country Representative in India (based in Delhi) with the following activities: the delivery of newsletters, flashnotes and reports, the organisation of networking events, management of the online community, maintenance of the project's website and social media presence, and participation in research-related workshops and conferences to increase visibility and efficiency of the network. Applications must be in English.

DLR-PT offers the selected candidate a service contract according to German Employment Law with a duration of four years, until 31 December 2019. The candidate should be available to start the position as of 1 January 2016. Remuneration is negotiable depending on qualifications and work experience (110 work days per year).

Read more: [EURAXESS Jobs](#)

5.6 One Post-Doctoral candidate in Department of Energy and Environment, TERI University, Delhi (India) | Deadline extended

Application deadline: 30 October 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](#)

5.7 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.

5.8 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.

5.9 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!

6 Events in Europe and India

Event (click on event title for more details)	Location	Date
6.1 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
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
6.2 India		
EURAXESS Connect: Communicating Science Out Of The Lab with HBCS and TIFR Outreach	Mumbai, Maharastra	17 October 2015
EURAXESS Science Slam India 2015 Live finals	Bengaluru, Karnataka	30 October
2 nd ETSI Indo-European Dialogue on ICT Standards & Emerging Technologies	New Delhi	4 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 trans-national 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).