

FP7 projekta Empowering Young Explorers (EYE)

Koordinator Projekta za Bosnu i Hercegovinu je Elektrotehnički fakultet, Univerzitet u Banjoj Luci, kontakt osoba Prof. dr Petar Marić .

Koordinator projekta za Zapadni Balkan je Elektrotehnički fakultet u Beogradu, kontakt osoba Prof. dr Stevica Graovac.

Cilj Projekta je podrška mladim istraživačima (doktorima nauka koji su doktorirali u prethodnih ne više od 6 godina) u oblasti ICT (u širem smislu).

Bit će realizirani različiti oblici i stupnjevi podrške. Više informacija je dostupno na: www.fet-eye.eu

Prva aktivnost značajna za učesnike iz Bosne i Hercegovine je Lab Surfing eventa koji će biti održan u Beogradu 12 i 12.03. 2014. g. Više informacija je dostupno na: <http://www.fet-eye.eu/web/guest/belgrade-mar-2014>.

U prilogu su dva dokumenta sa osnovnim informacijama o Projektu i pozivom za sudjelovanje mladih istraživača u prvoj aktivnosti (Lab Surfing eventa), koja je vrlo važna jer je preduslov za sudjelovanje u narednim aktivnostima u Projektu.

Za sve dodatne informacije slobodno se obratite na /e-meil/ adresu: pmaric@etfbl.net.



Empowering Young Explorers (EYE) is a support project funded under the EU's Seventh Framework Programme for Research and Technological Development (FP7).

Objectives

The aim of EYE is to help young European researchers in a range of disciplines to realise their scientific potential in future and emerging technologies (FET) and contribute to breakthrough research. The project will encourage the generation of high risk scientific ideas through brainstorming and interdisciplinary collaboration between young researchers. In addition, EYE will support the development of young scientist's leadership potential through networking and training.

Young researchers

The EYE project will focus on the support of young researchers interested or already involved in high risk FET-quality multi/interdisciplinary research enabled by information and communication technology (ICT). A young researcher is a holder of a PhD degree that was awarded at the latest six years prior to the participation in the EYE activities and events (PhD + max. 6 years).

EYE partners

The EYE project is coordinated by the Technical University of Delft. Ten partners, including six universities, two research institutions and two small and medium enterprises (SMEs) from 9 European countries, have joined forces to achieve the goals of EYE. The partners will establish a network of local collaborators in 38 countries across Europe that will promote the EYE activities locally among young researchers. Europlan UK is the originator of the EYE project idea and the important player responsible for communication and coordination of multiple activities pursued by the partners.

EYE activities

Starting in November 2013, the EYE project will span a period of two years. The project will support a series of complementary regional and European brainstorming and training events for young scientists involved in FET-quality research, such as seminars, conferences and summer schools. Young researchers will be invited to take part in two cycles of EYE events and competitions. Travel and accommodation costs of selected participating young researchers will be covered by the EYE project.

Lab Surfing workshops - regional brainstorming and networking events



The project will start with six "Lab Surfing" workshops running in six regions of Europe: North and Irish Sea; Black Sea and South Mediterranean, Western Balkans, Central and Eastern Europe; Western Mediterranean, and Nordics and Baltics Participants. These regional workshops will provide young researchers with a unique opportunity to learn about the most advanced FET research, brainstorm about future research areas and jointly elaborate new high risk scientific ideas, partner with peers, and also develop scientific administration and leadership skills.

European "Blue Sky" conference for young researchers

Regional teams of young researchers with the most promising ideas will be invited to attend a "Blue Sky" Conference where they could further consolidate collaborative research ideas and network more widely at a European level.

Science Incubator summer school

Finally, the teams with strongest ideas will take part in the "Science Incubator" Summer School. This four-day intensive training event will help the selected teams of young researchers to bring their ideas to a level from which substantive FET project proposals can be presented for participation in Horizon 2020. Special attention will be paid to the transformation of ideas generated by young researchers into specific project proposals.

EYE thematic focus

EYE advocates blue sky thinking and the disruptive innovation potential of young researchers and supports FET-quality research which goes beyond the conventional boundaries of ICT and ventures into uncharted territories and convergence with different scientific disciplines. Nine broad multidisciplinary research areas provide a thematic framework for EYE:

- Constructive symbiosis (hybrid artificial-natural systems);
- Bottom-up intelligent construction (constructing materials at various size scales);
- Ecological technology (holistic paradigms for environmental impact of technologies, incl. ubiquitous environmental sensors, embedded technologies);
- Nano-bio-chem interface (new tools and techniques for advancing research, e.g., in neuroscience or biology, novel systems and synthetic or hybrid materials, applications for new implants, drug delivery, generative medicine);
- Knowing, doing and being (interdisciplinary fundamentals of knowledge; future knowledge technologies);
- Nano-optomechanical technologies;



- Quantum technologies (technologies exploiting quantum phenomena, e.g. superposition and entanglement);
- Global Systems Science (novel participatory tools and processes for linking scientific evidence from systems science, operational research, computer science, into policies and societal dialogue).

The EYE events will build thematically upon these broad directions for FET, as well as on Horizon 2020 societal challenges in Health, Demographic Change and Wellbeing; Secure, clean and efficient energy; Industrial biotechnology; Smart, green and integrated transport; Climate action, resource efficiency and raw materials, etc. Participation in EYE is also open for young scientists in ICT-enabled research in other areas.

NOVA platform

The EYE activities are supported with an online platform called NOVA - *Networking for Outstanding Visionaries & Academics*. NOVA will serve as a professional platform for ideation, networking, collaboration and discussion among young European researchers involved in FET-quality interdisciplinary research.

More details about the EYE project can be found on its dedicated website: www.fet-eye.eu

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Call for participation in Lab Surfing workshops

We hereby request applications from Young Researchers (at most 6 years after their PhD) for the participation in six regional networking, training and brainstorming Lab Surfing workshops of the new FP7/FET EYE (Empowering Young Explorers) project. These workshops will offer young researchers a unique opportunity to learn about the most advanced future and emerging technology (FET) research, brainstorm about future research areas, jointly elaborate new high risk scientific ideas, partner with peers, and also develop scientific administration and leadership skills. Travel and accommodation costs of selected participating young researchers will be covered by the EYE project (for up to 30 participants per workshop). Young researchers from the following countries are invited to participate in one of local Lab Surfing workshops organised in six regions across Europe:

Region and country	Date and place	Thematic focus	Application
North and Irish Sea: Belgium, Ireland, Luxembourg, Netherlands and UK	11-12 February 2014, Brussels	Environmental technology: Energy and ICT	Application deadline: 20.01.2014 More details and application via: http://www.fet-eye.eu/web/guest/brussels-feb-2014
Eastern Central Europe: Austria, Czech Republic, Germany, Hungary, Poland, Russia and Slovakia	25-26 February 2014, Bratislava	Dynamic Business Ecosystems	Application deadline: 22.01.2014 More details and application via: http://www.fet-eye.eu/web/guest/belgrade-mar-2014
Western Balkans: Albania, Bosnia & Herzegovina, Croatia, FYR of Macedonia, Montenegro, Serbia and Slovenia	11-12 March 2014, Belgrade	Smart, green and efficient	Application deadline: 30.01.2014 More details and application via: http://www.fet-eye.eu/web/guest/belgrade-mar-2014
Black Sea and South Mediterranean: Bulgaria, Cyprus, Greece, Israel, Romania and Turkey	25-26 March, Thessaloniki	Knowledge discovery driven by large-scale computer modelling	Application deadline: 07.02.2014 More details and application via: http://www.fet-eye.eu/web/guest/thessaloniki-mar-2014
Western Mediterranean: France, Italy, Malta, Spain, Switzerland and Portugal	15-16 April 2014, Milan	Innovation and technologies for a better living	Application deadline: 14.02.2014 More details and application via: http://www.fet-eye.eu/web/guest/milan-apr-2014
Nordics and Baltics: Denmark, Estonia, Finland, Latvia, Lithuania, Norway and Sweden	06-07 May 2014	[tbc]	Application deadline: 21.02.2014 More details and application via: http://www.fet-eye.eu/web/guest/goteborg-may-2014

Young Researcher ideas will be reviewed by top experts in the field. After a series of regional Lab Surfing events, teams of young researchers with the most promising ideas will be invited to attend the Europe-wide Blue Sky Conference and the Science Incubator summer school, where they could further consolidate collaborative research ideas and network more widely at a European level. **For more information about the EYE Lab Surfing workshops and the related application procedures, please visit www.fet-eye.eu.**