FET through the keyhole

Future & Emerging Technologies

In this issue - March 2017

FET 🐦 f   FET Flagship 🐦 f

Top News

Appointment of New Director

A new Director has been appointed for the "Digital Excellence and Science Infrastructure" Directorate of DG CONNECT.

Read more...

Quantum Europe 2017: Towards the Quantum Technology Flagship

The conference gathered around 150 participants in Malta who heard about the recommendations, by the High-Level Expert Group, on the Strategic Research Agenda of the Quantum Technology Flagship, and some national initiatives in quantum technology.

Read more...

Infographic on the participation in Horizon 2020 FET projects

The infographic shows the participation in Horizon 2020 Future & Emerging Technologies (FET) projects, indicating the round-off number of participants per country and distribution of funding as of December 2016.

Read more...

Report on the need to integrate Social Sciences and Humanities with Science and Engineering in Horizon 2020

A report by the Future and Emerging Technologies Advisory Group analyses how technological innovations need to pay close attention to the social contexts in which they are to be placed. It recommends more support to multidisciplinary and interdisciplinary research that brings together engineering, natural science and the social sciences and humanities.
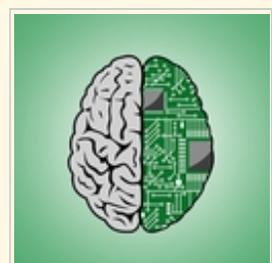
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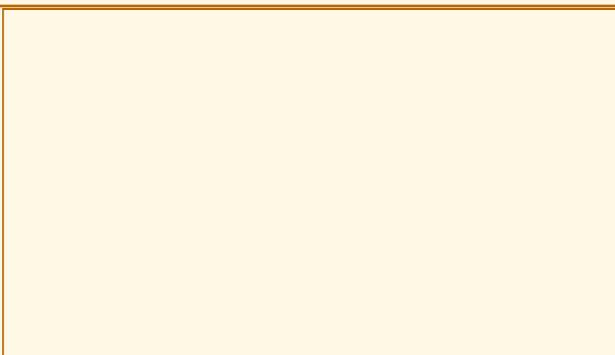
FET at Conferences and Workshops

Workshop on the Exploitation of Neuromorphic Computing Technologies

The workshop organised on the 3rd of February, presented the neuromorphic technologies developments in the Future and Emerging Technologies (FET) Programme, and in particular in the Human Brain Project. The final report is now available.

News video

FET

dedicated Youtube playlist

32 FET project videos in new dedicated Youtube playlist

Launched early February, the FET Youtube playlist already counts 32 videos showing the key achievements of projects funded under the the Future & Emerging Technologies (FET) programme of the European Union.

Read more...

▶ Watch video

Supercomputers: a key tool for understanding the human brain

The High Performance Analytics and Computing (HPAC) Platform within the Human Brain Project provides supercomputing, storage, and visualisation resources for the simulation of complex models and for analyzing huge neuroscientific datasets.

Read more...

▶ Watch video

Funding opportunities

FLAG-ERA joint call for transnational research projects in synergy with the Graphene Flagship and Human Brain Project

The FLAG-ERA Joint Transnational Call (JTC) 2017 supports research projects in synergy with the two Future and Emerging Technologies (FET) Flagships, the Graphene Flagship and the Human Brain Project. It is designed to expand the current Flagships with new research contributing to the Flagship objectives in selected areas.

Read more...

Projects' news & stories

Horizon 2020 FET Open in 2014-2016: State of play

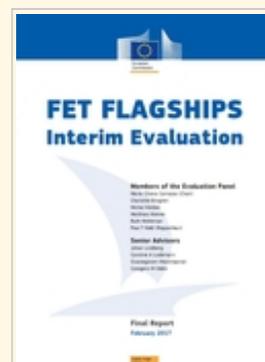What is FET Open? What projects does it fund? What participants does it attract?

Read more...

The FET Flagships receive positive evaluation in their journey towards ground-breaking innovation

After three years of activities, the Flagship instrument, and its implementation through the two Future & Emerging Technologies (FET) Flagships, namely Graphene and the Human Brain Project, has been evaluated by a panel of high-level experts.

Read more...

FET project SimpleSkin wins award for its smart fitness clothing

The personal virtual fitness trainer developped by the Future and Emerging Technologies (FET) project SimpleSkin wins the Fashion Future Challenge 2017. Through the integration of electrical sensing modalities into fabrics, smart clothing captures the movements of the body and provides feedback for individual training.

Read more...

From Lab to Market: Robotics Innovation Facilities

Going from concept and ideas to an automated production line or service can be very risky and expensive, especially for SMEs. That is why the European Union supports Echord++ to build Robotics Innovation Facilities to help companies in Europe with the first steps from lab to the market with robotic equipment and expertise.

Read more...

How can BlueBRIDGE and e-infrastructures boost Blue Growth?

A workshop was organised by BlueBRIDGE in January 2017 to understand Understanding how ecosystems of e-infrastructures can boost Blue Growth. It was an opportunity to hear practical testimonies from BlueBRIDGE Virtual Research Environment's users operating in the Blue Growth sector on how the project's services supports their activities.

Read more...

Book your space in the next research*eu magazine

FP7 project partners or coordinators can request the writing of articles for the "research*eu results" magazine by contacting the editorial team of Cordis. This service is free of charge.

Read more...

Forthcoming Events

9 - 10 March 2017 - Leiden, the Netherlands

FAIRifying Metabolomics and Phenomics data in the European Open science Cloud

This joint workshop of the PhenoMeNal project and the GO FAIR initiative will explore how to establish a node for FAIRifying metabolomics and phenomics data in the European Open Science Cloud.

Read more...

4 April 2017 - Barcelona, Spain

OpenAIRE workshop on legal issues in Open Research Data

OpenAIRE announces an interactive workshop exploring the legal challenges of Open Research Data as well as presenting the upcoming OpenAIRE legal study and the data anonymization service developed by the OpenAIRE IT experts.

Read more...

5 - 7 April 2017

Research Data Alliance Ninth Plenary Meeting

The overarching theme of the ninth Research Data Alliance (RDA) plenary is Data Infrastructures for Open Science.

Read more...

10 - 13 April 2017 - Stockholm, Sweden

PRACE Spring School 2017

This event is a great opportunity for High Performance Computing (HPC) novice and experienced users to meet with the main developers of four of the major and most popular codes for molecular modelling and simulations softwares.

Read more...

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27 April 2017 - Belgium

FET-Open Research and Innovation Actions Info Day

This Information Day is the opportunity for attendees to learn about the H2020 Future Emerging Technologies (FET- OPEN) Research and Innovation Actions proposal guidelines and submission procedures and about the criteria for evaluation. There will be ample time for questions and for networking among the participants.

Read more...

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5 May 2017 - London, UK

Final conference of project LEARN on research data management

Is your institution considering how to manage research data? Do you need to implement a data management policy? Would you like to hear the latest insights from experts working on this topic? If so, save the date for LEARN's Final Conference.

Read more...

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6 - 8 May 2017 - C/ Sant Antoni Maria Claret 171 08041 Barcelona

EU Graphene Flagship - Japan Workshop

The workshop will highlight recent research advances in 2D-materials materials and heterostructures achieved in the Graphene Flagship and Japan. Researchers from the EU Flaghship project and Japan will also be focusing on material production and device fabrication, and exploration of electronic, photonics, and spintronics in novel structures.

Read more...

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24 May 2017 - Lucca, Italy

QUANTICOL Industrial Engagement Event

The QUANTICOL project aims to develop an innovative formal design and analysis framework for collective adaptive systems (CAS). The framework consists of a purposely defined specification language, paired with a large variety of tool-supported, scalable analysis techniques. The scope of the Industry engagement event, is to boost the technological transfer of the results obtained during the project.

Read more...

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2 July - 31 August 2017 - Ostrava, Czech Republic

PRACE Summer of HPC 2017

Consisting of a training week and two months of placement in top High Performance Computing (HPC) centres across Europe, the programme offers participants the opportunity to learn and share more about PRACE and HPC.

Read more...

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3 - 7 July 2017

EUDAT and Research Data Management Summer School

EUDAT is organizing a Summer School to introduce early-career researchers to the principles and tools needed for careers in data intensive science and data management. The course is applicable to those working with big data, as well as researchers from less data-intensive communities. In collaboration with other pan European e-Infrastructures, this intense training course will provide attendees with a better understanding of the European e-Infrastructure landscape, the different tools and servi

Read more...

26 - 29 September 2017 - Piazzale Aldo Moro 5, 00185, Roma

International Conference on Integrated Quantum Photonics

This conference is organized in the framework of the FET funded QUCHIP project and the Marie-Curie project PICQUE. It will be the final conference for both projects. The scientific program foresees tutorial lectures, invited seminars on scientific results, oral contributions and posters. The deadline for abstract submission is 15 April 2017.

Read more...