

- Newsroom
- Calendar
- Funding Opportunities
  - Calls for Proposals
  - Calls for Tender
- Press Packs
- Press Releases
- Library
  - Audiovisual
- Speeches
- Search Newsroom
- Register & Subscribe
  - Login
  - Services for the Press

Research & Innovation :: News



ICT to fostering inter-family relationships, naturally

19 April 2012 From mobile phones to social networking, technology helps bring geographically dispersed people together. But most applications are designed for individuals, not groups or families. EU-funded research is addressing the issue with innovative tools designed to help families communicate and interact as naturally as possible even if they are hundreds or thousands of kilometres apart. The solution combines state-of-the-art artificial intelligence with ambient intelligence, multimedia tools and audio and video capturing, encoding, processing and transmission to enable near-natural interaction and communication between dispersed groups of people.

INTEGRATE EU funded project

INTEGRATE - Driving Excellence in Integrative Cancer Research through Innovative Biomedical Infrastructures

17 April 2012 INTEGRATE promotes a novel IT-based approach aimed at enabling multidisciplinary collaboration in oncology research. This will be achieved through the creation of innovative biomedical infrastructures; emphasis on standards-based harmonization of efforts; the preservation, management and large-scale sharing of multi-level data; and the development of new methodologies and predictive multi-scale models in cancer. The INTEGRATE newsletters will describe aspects of the research problems in focus, inform readers about challenges encountered and progress made towards overcoming them, and refer to relevant project deliverables. We would like to engage our readers in discussions about data sharing and collaboration in the biomedical domain, as well as the scientific issues around information integration and interoperability.

Contact: [big@bordet.be](mailto:big@bordet.be)

See also: [Other EU funded projects in eHealth](#)

Digital Agenda: Commission consults on rules for wirelessly connected devices - the "Internet of Things"

12 April 2012 — The "Internet of Things" (IoT) is a future in which everyday objects such as phones, cars, household appliances, clothes and even food are wirelessly connected to the Internet through smart chips, and can collect and share data. The European Commission wants to know what framework is needed to unleash the potential economic and societal benefits of the IoT, whilst ensuring an adequate level of control of the devices gathering, processing and storing information. The information concerned includes users' behavioural patterns, location and preferences. The Commission wants to ensure that the rights of individuals are respected and is launching a public consultation inviting comments by 12th July 2012.

See also: [The consultation](#)

Neelie Kroes, Vice President of the European Commission responsible for the Digital Agenda Opening Science Through e-Infrastructures

European Federation of Academies of Sciences and Humanities Annual Meeting - "Open infrastructures for Open Science" Rome, Italy, 11 April 2012

are designed for individuals, not groups or families. EU-funded research is addressing the issue with innovative tools designed to help families communicate and interact as naturally as possible even if they are hundreds or thousands of kilometres apart. The solution combines state-of-the-art artificial intelligence with ambient intelligence, multimedia tools and audio and video capturing, encoding, processing and transmission to enable near-natural interaction and communication between dispersed groups of people.

**"Future impact of ENIAC and ARTEMIS" - SMART 2012/0050**

11 April - 7 May 2012 — The study is an impact assessment of a new JTI resulting from the merging of the 2 existing JTIs (ENIAC and ARTEMIS) and the corresponding strategic research agenda (SRA), as well as the possible inclusion of the microsystems activities of the EPoSS ETP. It will provide a support in the preparation of the Commission's proposal on the setting up of this potential JTI and its governance and financial rules to be implemented.

See also: **Official Journal 2012/S 70-115286 of 11/04/2012**

**Draw and play keep Parkinson's at bay**

5 April 2012 Chronic, degenerative and incurable, Parkinson's disease affects five out of 1000 Europeans over 60 years old. Researchers are now using the latest technologies, including video games, to improve the accuracy of early diagnosis and provide patients with better rehabilitation treatments.

See also: **DiPAR Project**

Other **Futuris videos**

**Cordis**

**New technologies boost healthcare integration**

4 April 2012 An ageing disorders - focused initiative set up a regional biobank to boost research and related developments. Far-reaching collaborations brought together academia and industry and built on the strength of IT-based communications. The EU-funded project 'The Danubian Biobank initiative - towards information-based medicine' (Danubiobank) worked to set up a 'Danubian Biobank foundation for public utility in molecular medicine of aging disorders'.

See also: **ICT for Health at the EC**

**New frontier: Chips transfer data at light speed**

4 April 2012 The computer industry is nearing a crisis: microchips get smaller and faster but they struggle to transfer data at sufficient speeds. Microprocessors do their calculations with electrons, and they transfer data within and between chips using electrons too. The powerful microprocessors in computers today use vast quantities of data and perform millions of calculations per second, but the connections can't keep up; they simply can not shift electrons fast enough. Now EU-funded researchers have shown how chips with built-in lasers which use multiple wavelengths of light could in the future transmit data at terabit speeds. The real trick is that light can be 'multiplexed'; you can send photons of different wavelengths through your interconnect at the same time. Use three wavelengths and you effectively triple the speed of data transmission.

**EU: PONTE platform prototype to be released soon**

10 April 2012 A prototype of the 'Efficient Patient Recruitment for Innovative Clinical Trials of Existing Drugs to other Indications' platform (PONTE platform) will be released this month (April 2012). The wider research community will thus have the opportunity to test run and review the tools that the platform will offer. PONTE is a European project intended to establish a platform to help new uses for existing drugs. It will offer vital assistance throughout each stage of the process - from the moment an idea is generated through to the selection of suitable volunteers for the trial.

Contact: **ehealth@ec.europa.eu**

See also: **Other EU-funded eHealth projects**