Future Internet - A Transformational Technology

Room T006; 14:00 to 15:30; 27th September 2010

The **UK Future Internet Strategy Group, Digital Communications Knowledge Transfer Network** and the **CeFIMS project** are addressing the issues and barriers to connecting and integrating member-states national initiatives in the area of the Future Internet. The objective is to promote European collaboration around advanced technologies and business models.

The session will bring together leaders from industry and academia to explore the challenges that must be addressed if Europe is to maintain its global leadership position. A key deliverable from the networking session will be new collaborative networks that will signpost research leading to increased commercial advantage for European organizations of all sizes. The sessions will chaired by a panel of leading industrial and academic representatives from the UK, Ireland, Portugal, Luxemburg and Spain, who will present key national initiatives, their own interpretation of the main issues and important aspects that require research in order that new commercial opportunities can be enabled, and eventually discuss barriers to cross European collaboration.

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Organisers

The **Digital Communications Knowledge Transfer Network** has been established by an industry-led group of leading players, with funding from the UK Technology Strategy Board. It seeks to bring competitive advantage to the UK by promoting collaboration and knowledge sharing between the users and providers of Digital Communications, and by helping to drive innovation in the sector. The DC KTN provides the coordination secretariat to the UK Future Internet Strategy Group chaired by Nick Wainwright of HP Labs. www.dcktn.org.uk

ceFIMS: Coordination of the Future Internet Forum of Member States

The **ceFIMS project**, beginning its work in September, 2010, will support coordination of FI research activity across Member States (MS) at regional and transnational levels, to optimise the full benefit of networking between EU-funded and national researchers. ceFIMS will provide functional ongoing support to the FI MS Forum to help create synergies between research programmes funded by the Member States and promote outreach to similar EC-funded research. In the short term, ceFIMS will facilitate FI MS Forum activity by providing a Secretariat and support structures and by establishing the ceFIMS FI web-portal. In the medium term, ceFIMS will help foster knowledge sharing via the FI Forum, the establishment of Expert Working Groups and the development of a Research Roadmap to maximise synergies between EU and MS investments in FI research. In the longer term, ceFIMS will help create a sound basis and implementation framework for an FI ERA-NET+ and also support the strong engagement of Member States in the Public Private Partnership (PPP).

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Board (www.ipv6ready.org), Senior Researcher at SnT - University of Luxembourg on multiple European Commission Next Generation Technologies IST Projects:· 6INIT: First Pioneer IPv6 Research Project. · 6WINIT: www.6winit.org · Euro6IX: www.euro6ix.org . NGNi, http://www.ngni.org · Eurov6 : www.eurov6.org. IPv6 Security & Privacy project - Security Expert Initiative (SEINIT) *www.seinit.org* . European Security Task Force project - SecurIST*:* http://www.ist-securist.org/ . u-2010 Emergency & Disaster and Crisis Management *www.u-2010.eu* . . Public Safety Communication Forum EFIPSANS project www.efipsans.org . Secricom Safety & Security Project www.secricom.eu . - Member of 3GPP PCG (www.3gpp.org) - Member of 3GPP2 PCG (www.3gpp2.org) - Vice Chair, IEEE ComSoc EntNET http://www.comsoc.org/~entnet/EntNet%20Committee.htm - Member of UN Strategy Council GAID - Member of IEEE COMSOC Executive Committee - Member of the ITU-T Informal Forum Summit - Board member of AW2I (www.aw2i.org)- Member of the Future Internet Forum for Member States http://ec.europa.eu/information_society/activities/foi/lead/fif/index_en.htm - Board member of WSA http://www.wsis-award.org/index.wbp

Panel Members

João Barros is an Associate Professor at the Department of Electrical and Computer Engineering of the School of Engineering of the University of Porto and the coordinator of the Porto Laboratory of the Instituto de Telecomunicações. He is also a Research Affiliate with the Massachusetts Institute of Technology (MIT). In February 2009, Dr. Barros was appointed National Director of the CMU-Portugal Program, a five-year international partnership between Carnegie Mellon University and 12 Portuguese Universities and Research Institutions.

Antonio Alfaro provides consultancy services in the ICT sector, market strategy and advisor for the participation in national and international R&D projects, with particular expertise in the Future Internet and International cooperation fields. Wide experience as speaker and chairman of international conferences, particularly in Europe and Latin America.

Latif Ladid is the Founder and President of the IPv6 Forum). Chair, European IPv6 Task Force (www.ipv6.eu) Emeritus Trustee, Internet Society - ISOC (www.isoc.org). IPv6 Ready Logo Program

Nick Wainwright As HP Labs Director for European Projects, Nick works with academic, commercial and government agencies to develop research partnerships that will increase the coverage and impact of HP's research activities in Europe and focusing on research in cloud and security systems and technologies. In FP7 in ICT, Nick is currently working with EU's Future Internet Assembly to develop the research roadmap for the Future Internet and co-chairs the FIA programme. He is a board member of NESSI and a steering committee member in NEM. In the UK, Nick chairs the UK's Future Internet Strategy Group which brings together UK stakeholders in future internet technologies to create opportunities for innovation and partnership. In over 20 years at HP Laboratories, Nick has led a wide range of research areas, including platforms for the film, TV, and graphic arts sectors; service oriented information management; open source digital library systems; advanced communication systems

Fergal Ward is a director in Intune Networks and currently leads the world's first deployment of an Optical Burst Switched network infrastructure in the Irish Government's open access Exemplar Network program. Fergal works with commercial, government and academic agencies to develop and deploy next generation internet applications and technologies over Optical Burst Switched and NGN infrastructures. Fergal is also working with the EU's Framework Program in next generation metro networks architectures and is also a research affiliate with the TSSG, CTVR and Tyndall national ICT research centres in Ireland.