

“The Future Internet: A Vision from European Research”

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Abstract. The infrastructure of the Internet has and will continually evolve to support and enable new services, trends and businesses. Europe is committed to take a leading role in exploring the emerging visions for the Future Internet that will drive the requirements for its underlying network and service infrastructure. Also, ICT is evolving from a facet of business operation and a collection of consumer gadgets to a critical infrastructure that underpins the economy and society. In parallel, the mechanisms for and even the nature of innovation are changing. The next EU Work Programme for Research in ICT will reflect this unavoidable move towards a larger share of the economy/social activities moving on line, with a need to make the Internet capable of supporting a larger number of usages whilst remedying to the current deficiencies in terms of presentation, security, trust, scalability, mobility, etc. All the "visions" presented would then become use cases in relation to an all-encompassing research objective federated under, and driving the requirements towards, a "Future Internet" Challenge.

Speaker Bio

Cristina Martinez has been graduated in Science Philosophy (Cum laude), in Communication (Cum Laude and Major) and has an MSc in Telematics (Cum Laude) from the Free University of Brussels. She spent two years in the United Nations Office headquarters working for an IT track and trace development project in Africa, Asia and Latin-America. She joined the Andersen Consulting company in 1998 to work for the eCommerce group of the Technology department as a solutions engineer. She became a member of the staff of the European Commission in 2002 and is currently Administrator for Research in the Enterprise Networking Unit of the Information Society Directorate-General. In addition to her managing role for research projects in the ICT area, she devotes most of her time working on policy aspects related to the future of eBusiness and Interoperability. She is head of the Enterprise Interoperability cluster responsible for giving research directions in the Interoperability area. Cristina Martinez is married, with two children.