

# ISTAG

Information Society Technologies  
Programme Advisory Group

# ISTAG MEMBERS

- Chairman:  
Prof. Dr. Lutz Heuser, Vice President SAP  
Research SAP AG, Walldorf/Germany and
- ~ 40 members among which ~ 12  
academic people or members of public  
research organisations

# ISTAG mission

- Reflection on the Work Programme 2009-2010, which will be announced in the IST 2008 in Lyon, in November 2008  
2 BEuros including JTIs and AAL (ambient assisted living)
- Reflection on policy priorities beyond 2013

# ISTAG Working Groups

## **Group 1: FUTURE INTERNET**

Focusing on the Internet of Services, the Internet of Things and a new service-oriented network infrastructure. Chaired by Steve Wright (BT)

## **Group 2: SUSTAINABILITY**

focusing on the way ICT is transforming the way to manage and use resources, leverage Internet of things, low power consumption ICTs and dematerialisation/virtual mobility. Chaired by Ignacio Campino (Deutsche Telekom)

## **Group 3: NEW WEB-BASED INDUSTRY**

focusing on new customised business services, service enabled application architecture, business Webs and the new ICT-based industries. Chaired by Stan Smits (Philips)

# ISTAG Working Groups

## **Group 4: FUTURE AND EMERGING TECHNOLOGIES**

Chairman : Michel COSNARD (CEO, INRIA),  
Vice chairman, Paolo DARIO (Director, Scuola Sup. Sant'Anna,  
Pisa)

Mission : group established for two years to provide strategic advices and orientations on long term foundational research in ICTs, in view to effectively strengthen and broaden the science and technology basis of future ICTs

# Future and Emerging Technologies

## **FET Open :**

- Bottom-up approach
- unconventional, high risk of failure, strong potential for long-term impact
- Continuous call / two steps

STREPs and CAs

Reinforce « FET spirit »

# Future and Emerging Technologies

## **FET Proactive :**

- Top-down approach
- Novel, predefined themes
- Fixed calls

# FET proactive consultation

- Human-computer confluence
- Massive ICT Systems
- Quantum Information Processing and Communication  
and Entanglement-Enabled Quantum Technologies
- Overlay Computing and Communication
- Molecular-Scale Information Systems
- Alternative Bio-inspired ICTs

# ISTAG FET 1st report (1)

- Role, specificity and positioning of FET
- FET proactive initiatives for the ICT Work Programme
- 2009-10 : Priorities and motivations

# ISTAG FET 1st report (2)

- Methodological issues to identify and select proactive initiatives
- Types of projects to be supported by FET-Open
- Modalities of operations of FET Open and Proactive schemes
- Improving the reach, effectiveness and impact of FET