

**DIRECTORATE FOR SCIENCE, TECHNOLOGY AND INDUSTRY
COMMITTEE FOR INFORMATION, COMPUTER AND COMMUNICATIONS POLICY**

Cancels & replaces the same document of 05 October 2011

**ICCP Technology Foresight Forum:
Developments in Mobile Communication**

Draft Agenda

**to be held at OECD Headquarters in Paris,
26 October 2011**

The ICCP Technology Foresight Forum will be held on 26 October 2011 back-to-back with the OECD's Committee on Information, Computer and Communications Policy (ICCP). While this draft agenda is accurate, at the time of being placed on OLIS, delegates are invited to refer to the ICCP Technology Foresight Forum website for any changes at: www.oecd.org/ict/TechnologyForesightForum

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1. The ICCP Technology Foresight Forum is a yearly meeting that focuses on technological developments that will contribute to shaping the environment for policy making in the coming 5-10 years. It has been held since 2005. Previous topics have included RFID, next generation networks, participative web, cloud computing and green growth. This year the forum will look at the future of mobile communication.

2. Mobile communication has arguably witnessed the fastest growth of any telecommunication technology, with close to 80% of the world population now having access to a mobile phone. All indications are that this is only the beginning for mobile communication. Smart phones and tablets have already changed the way many people interact with their surroundings. An increasing range of new tools and applications are being used by the public and private sectors to provide new and enhanced services. They are contributing to increased efficiency, competitiveness and in the delivery of critical services. Hospitals, for example, use them to monitor patients and enhance the capabilities of medical professionals. Indeed, there is no aspect of economies and societies, from education to transport, that are not increasingly influenced by greater use of ICTs empowered by wireless networks.

3. The future of mobile communication is one where more spectrum will be used in different ways to deliver a faster and broader range of services to consumers. It will see many different machines and devices connected to wireless networks and the Internet. The connection of these devices will be enhanced by cloud-based services. Consumers can, for example, expect that vehicles will automatically warn emergency services when there is an accident. Moreover, the machine to machine capabilities of wireless devices will enable road and traffic conditions to be shared by motorists to make for safer and more efficient transportation. In fact, the users of mobile communications can expect to have always-on broadband wireless access to an increasing range of content and services, whether from devices around them or the cloud.

4. The OECD Technology Foresight Forum will explore these developments with the aim of assisting all stakeholders to produce *“better policies for better lives”*.

9:15-9:30: Welcome by the chair Mr. Jørgen Abild Andersen, Director General, National IT and Telecom Agency

9:30-11:00: Session 1: Mobile devices and networks

5. There are significant developments in new networks, new hardware manufacturing models, operating systems and integration of fixed and wireless networks and what people will do with them. These developments will shape the mobile landscape in the years to come. What new platforms will develop and who will lead in the market?

- Tony Salvador, Intel Corporation; *“Mobility = Data”*
- Vincent Korstanje, ARM
- Anne-Lise Thieblemont, Qualcomm; *“Driving better mobile experiences”*
- Joe Butler, Ofcom, United Kingdom; *“TV White Space Devices ...and beyond!”*

11:00-11:30: Coffee break

11:30-13:00: Session 2: Applications

6. The period in which a mobile device was only used for voice communication is long gone. In OECD countries an increasing percentage of wireless devices are “smart phones”, tablets and other devices capable of supporting a wide variety of Internet based applications. Some governments are using mobile applications to improve their services and interaction with their citizens. It is these applications that will create tremendous innovation in the future.

- Marjoleine van Doorn, Stadstoezicht Rotterdam; *“City Surveillance, the new way of enforcement”*
- Richard Whitt, Google: *“Google’s vision on the mobile future”*
- Niel Harper, ISOC Fellow *“The current and future state of mCommerce in the Caribbean”*
- Makoto Yokozawa, Nomura Research Institute *“Socio-Economic Aspect of Mobile Application in Japan”*

13:00-14:30: Lunch

14:30-16:00: Session 3: Machine to Machine communication, applications and ecosystems

7. Billions of devices will likely be connected wirelessly to networks in the future. Whether it is automobiles, smart grids, smart cities or consumer electronics, the devices will communicate. M2M will be a central enabler of tools for eHealth. Consumer electronics, like ebooks, will change from stand alone devices to integrated ecosystems of device, network access, content and content store. The use of M2M will lead to significant changes in business models and be a key development in meeting long term policy objectives in areas from environmental management to aging societies.

- Paul Callaghan, Verizon Business; *“Verizon’s Network 2020 Vision”*
- Maura Turolla, Telecom Italia; *“M2M & Mobile: Enabling Society Evolution”*
- Tadamasa Kitsukawa, Sony Digital Reading Services; *“eBook and it’s next step”*
- Lee W. Mcknight, Syracuse University; “

16:00-16:30: Coffee break

16:30-18:00: Session 4: New ideas for a mobile future

8. The mobile future is evolving at high speed. New ideas are shaping the future and finding their way into networks and applications. All across the world companies and individuals are developing new ways to interact with each other and their surroundings enabled through the use of new technologies.

- Jan Žorž - Go6 institute; *“IPv6 enabled self organizing systems for emergency response environments”*
- Nav Bains, GSM Association; *“Mobile NFC Services”*
- Atanu Garai, ISOC Fellow; *“Role of mHealth in rural health in India and opportunities for collaboration”*

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- Robin Chase, Buzzcar; *“How the future will be made: Sharing of excess capacity on open platforms”*

18:00: Reception