

## EU-Japan Co-ordinated Call Preparatory meeting, 3 July 2012

Pre "FuNeMs" event, hotel Estrel, Berlin. See <http://www.futurenetworksummit.eu/2012/>

### Draft Agenda

**Context and Objectives:** EU-Japan exchanges and research concertations in the field of Future Internet have been ongoing since 2008, through the organisation of multiple conferences. See notably [http://ec.europa.eu/information\\_society/activities/foi/research/eu-japan/index\\_en.htm](http://ec.europa.eu/information_society/activities/foi/research/eu-japan/index_en.htm)

This preparatory work has led to a joint agreement towards the organisation of a coordinated EU-Japan call that will be published in the context of the upcoming ICT Work Programme 2013. 6 Themes for joint research have been identified. The objective of this event is to provide a platform of exchanges between EU and Japanese researchers on 4 of the identified joint research themes. It should in particular provide opportunities to EU and Japanese constituencies to discuss common research interests and help interested proponents from EU and Japan to identify potential partners from the other region, Japan and the EU respectively.

#### 9:30 – 12:30 - Room 1 (30210)

##### Session IoT and Clouds

**Focus:** Research the combination of Cloud and Internet of Things (IoT) technologies and to investigate the development of cloud-based service platforms taking into account the IoT perspectives on massive data storage and communication needs in the cloud for the execution of real-time services

**Europe: 4 Speakers, 15 mn each**

##### Japan:

- Masayoshi Ohashi, ATR, Wireless Platform for M2M/IoT
- Doohwan Lee, U. Tokyo, Sensor / Actuator Platform
- Takuro Yonezawa, Keio Univ, Sensing Cloud for Cyber-Physical

#### 9:30 – 12:30 - Room 2 (30212-)

##### Session Content Centric Networks & Green

**Focus:** change in network architecture from host-oriented to content-centric networking. It includes naming, addressing and routing, resource control, access analysis and Digital Rights Management. Green contents distribution platform is addressed from the point of view of integration with power consumption information gathering framework on lower layer network and higher layer network controlling framework.

**Europe: 4 Speakers**

##### Japan:

- Hitoshi Asaeda, Keio University, Legacy friendly CCN
- Shingo Ata, Osaka City University, CCNing by using Low-Energy

<p>Coupling  - <b>Hikaru Yagi, KDDI Lab</b>, M2M Network  <b>Discussion moderated by Commission/NICT</b></p>	<p>and High Capacity Address Lookup Memory  - <b>Kazunari Inoue, Nara National College of Tech.</b> Green Router Technology for CCN  - <b>Daisuke Matsubara, Hitachi</b>, Energy Optimized Data Distribution  - <b>Miki Yamamoto, Kansai Univ.</b> Cache networks for content distribution  <b>Discussion moderated by Commission/NICT</b></p>
<p><b>12:30 – 13:30</b> Lunch, networking</p>	
<p><b>13:30 – 15:30 - Room 1 (30210)</b>  <b>Session Wireless Coms</b>  <b>Focus:</b> short-range wireless systems using millimetre-wave and terahertz-wave technologies to realise ultra high data transmission capacities and high resolution sensing inside or outside of buildings. The focus will be on architectures towards ultra-high speed short-range wireless technology, radio transmission technology, terahertz-wave base band and millimetre-wave radio access technologies including spectrum re-use and cognitive technologies.  <b>Europe: 3 Speakers, 15 mn each</b>  <b>Japan: 3 speakers, 15 mn each</b>  <b>Discussion moderated by Commission/NICT</b></p>	<p><b>14:00 – 15:30 - Room 2 (30212)</b>  <b>ITU-T SG13 Interim meeting for Y. FNDAN</b>  See: <a href="http://www.itu.int/md/T09-NGN.GSI-120206-TD-GEN-0846/en">http://www.itu.int/md/T09-NGN.GSI-120206-TD-GEN-0846/en</a>  Japan outline of Cooperation opportunities in the context of ITU-T standardisation work on DAN (Data Aware Networks, CCN type).</p>
<p><b>15:30 – 16:00</b> Coffee Break</p>	

**Y16:00 – 18:00 - Room 1**

**Session Optical Coms**

**Focus:** All-optical **100 Gbit/s per wavelength Ethernet** system

Further enhancement on **a system level of the future Ethernet transport networks** by advancing the technologies to efficiently incorporate all network layers, to achieve high-rate server connectivity, and reliable and efficient network access and core switching

**Europe: 3 Speakers, 15 mn each**

**Japan: 3 speakers, 15 mn each**

**Discussion moderated by Commission/NICT**

**16:00 – 17:00 - Room 2**

**ITU-T SG13 Interim meeting for Y. FNDAN (c'ed)**

See: <http://www.itu.int/md/T09-NGN.GSI-120206-TD-GEN-0846/en>

Japan outline of Cooperation opportunities in the context of ITU-T standardisation work on DAN (Data Aware Networks, CCN type).