

**Future Media Internet Architecture Think Tank  
2<sup>nd</sup> phone conference**

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**Date:** 6<sup>th</sup> July 2010. 15:00 CET.

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**Meeting participantes:**

Gonzalo Camarillo	Ericsson. IETF.
Pablo Cesar	CWI. National Research Institute for Mathematics and Computer Science in the Netherlands
Giovanni Pau	University of California, Los Angeles (UCLA)
Christian Timmerer	Klagenfurt University
Theodore Zahariadis	Synelxis
Petros Daras	CERTH
Ebroul Izquierdo	Queen Mary University London
Federico Alvarez	Technical University of Madrid
Isidro Laso	European Commission

**1. Phone conference results**

Federico Alvarez presented the actions completed:

- the chapter 2 on the comparison of Future Media Internet architectures,
- the grouping of the “open issues” raised during the 1<sup>st</sup> FMIA-TT meeting
- the preparation of the next meeting and the objectives

The participants agreed with the chapter 2 text, the grouping of the “open issues” and asked for more details on the next meeting.

**2. Homework before the next meeting (3<sup>rd</sup> September, Palma de Mallorca, Spain).**

Federico presented the chapter 3 (open issues) and the group agreed with the following assignment:

Note: for the security issues description the group agreed that new experts in the area should be invited to contribute. Petros proposed more industrial participation. Federico proposed for example Hannes Tschofenig (from NSN) for the security part. Gonzalo Camarillo agreed.

3.1 Synchronisation and reconstruction of information for communication between users

Editor: Pablo César  
Contributors: Jan Bouwen

### 3.2 Storage and delay tolerant applications

Editor: Theodore Zahariadis  
Contributors: Nikos Loutaris

### 3.3 Routing and naming

Editor: Theodore Zahariadis  
Contributors: Giovanni Pau, Christian Timmerer

### 3.4 Findability and search

Editor: Petros Daras  
Contributors: Ebroul Izquierdo

### 3.5 Scalability and mobility support

Editor: Federico Alvarez  
Contributors: Christian Timmerer, George Pavlou, Nikos?

### 3.6 Context and personalization

Editor: Federico Alvarez  
Contributors: Pablo César, Christian Timmerer

### 3.7 Security, privacy and trust

Editor: expert in security, e.g. Hannes Tschofenig (NSN)?  
Contributors: Giovanni Pau

### 3.8 Self-management, interoperability and reliability

Editor: George Pavlou  
Contributors: Theodore Zahariadis

### 3.9 This section was moved to section 5.

-> 5.1 Orientation of the Future Media Internet architecture: Parallel Internet/ federated architecture

Editor: George Pavlou  
Contributors: Theodore Zahariadis, Federico Alvarez

The description of each of the sections should try to follow these guidelines and the recommended length is 2-3 pages per open issue:

- a) Describe the relevant problems in the field, relevant to the Media Internet architectures (using quantifiable data if possible)
- b) Report a short summary of the relevant state-of-the-art (projects, papers, standards, patents, etc.).
- c) Describe partial solutions in the field which have tried to solve the issue

## 3. Deadlines

- Description of the open issues: 30<sup>th</sup> July 2010. -> All.

- 1<sup>st</sup> version of the open issues compilation: 6<sup>th</sup> August 2010 -> Federico
- Proposal of the design principles summary to be discussed in the next meeting based on the paper “Future Internet and NGN Design requirements and principles for a Future Media and 3D Internet”, [ftp://ftp.cordis.europa.eu/pub/fp7/ict/docs/netmedia/20090220-fid-rp-3-dg\\_en.pdf](ftp://ftp.cordis.europa.eu/pub/fp7/ict/docs/netmedia/20090220-fid-rp-3-dg_en.pdf): 6<sup>th</sup> August 2010 -> Federico (+volunteers).

#### **4. Invitations to new members**

In the light of the former comment on inviting new experts to the group, we agreed that we should invite new experts from the industry:

- Federico to invite Hannes Tschofenig
- Christian Timmerer to discuss with the ALICANTE project industrial partners and invite some of them.
- Petros to ask Google, Exalead and provide a list of other possible experts.

#### **5. Next face-to-face meeting**

- Venue: Palma de Mallorca, Spain. We are checking if it is possible to have a meeting room in the hotel Melia Palas Atenea (<http://www.melia-palas-atenea.com/en/melia-palas-atenea.html>).
- Date: 3<sup>rd</sup> September 2010
- Duration: from 09:30 to 16:30 CET

Detailed agenda will be distributed before 9<sup>th</sup> July 2010.

The objective of the meeting is to:

- select the most important parts of the open issues which should be reflected in the architecture,
- agree on the design principles, and match them with the open issues
- and start the design of the reference model and its main components selection.

#### **6. AOB**

The partners asked to have the venue and the agenda as soon as possible for travel arrangements.

**Annex:**

Future Media Internet Think Tank list of members:

Name	Affiliation
Jan Bouwen	Alcatel-Lucent
Pablo Cesar	National Research Institute for Mathematics and Computer Science in the Netherlands
Van Jacobson	Palo Alto Research Centre (PARC)
George Pavlou	University College London (UCL)
Pablo Rodriguez	Telefonica R&D
Giovanni Pau	University of California, Los Angeles (UCLA)
Christian Timmerer	Klagenfurt University
Olivier Festor	INRIA
Gonzalo Camarillo	Ericsson Research
Olaf Kolkman	NL netlabs
Marcelo Bagnulo	Carlos III University
Theodore Zahariadis	Synelxis
Petros Daras	CERTH
Ebroul Izquierdo	Queen Mary University London
Federico Alvarez	Technical University of Madrid
Isidro Laso	European Commission