



EUROPEAN COMMISSION
Information Society and Media Directorate-General
Converged Networks and Services
Networked Media Systems

Brussels, 09 February 2012

Future Internet Architecture (FIArch)

Open Workshop on the Future Internet Architecture Design Principles

Time: 22 February 2012

Venue: Av. Beaulieu 33, 0/S54. Brussels

The European Commission and the FIArch Group cordially invites you to the 3rd Future Internet Architecture (FIArch) open workshop.

Goal: The FIArch group has conducted a systematic analysis of the design principles of the Internet in order to identify and to characterize the design principles that are expected to drive the architecture of the Future Internet. The goal of this workshop is to confront the results of this systematic analysis and the conclusions proposed by the FIArch group on the known design principles of the Internet and their potential and/or possible evolution against a broader panel of experts active in architecture research. For this purpose, this one-day workshop structured on a set of topical round tables (each introduced by a summary of the conducted analysis and its main results) aims at providing a forum for active discussions among its participants.

Moreover, experts from different domains are invited to add their point of view/opinion to the discussion.

Expected attendance: We invite the Future Internet stakeholders, researchers and "thinkers" of various FP7 projects involved in architectural research (from Networking/Objective 1.1 to FIRE/Objective 1.6), e.g., scientific & technical and/or architecture board members of these projects, to actively participate to this workshop.

It is important to emphasize that this workshop does not aim to promote any specific project approach/architecture or endorse any specific solution/implementation (hence, project presentation, and other project-specific solution/implementation will not be considered).

Workshop Agenda

09:30	Welcome	EC
09:40	<u>Our understanding of the Internet Architecture Design Principles</u> Q&A and Discussion	Theodore Zahariadis (Synelixis)
10:15	<u>Principles that should be preserved</u> Q&A and Discussion	Pedro Martínez Juliá (Univ. of Murcia)
10:45	Coffee	
11:00	<u>Principles that should be adapted</u> (20 min) <u>Principles that should be augmented</u> (20 min) Q&A and Discussion	Dimitri Papadimitriou (Alcatel-Lucent) Paul Müller (University of Kaiserslautern)
12:10	<u>Seeds of new design principles</u> Q&A and Discussion	Ionna Papafili (AUEB)
13:00	<u>How FIRE could help in performing/hosting experiments towards these new design principles?</u>	Anastasios Gavras (EURESCOM)
13:15	Lunch	
14:15	View Points/Opinions: <ul style="list-style-type: none"> • <u>Future Networks Architecture</u> (15 min) • <u>Service Awareness Architecture</u> (15 min) • <u>Future Internet Research & Experimentation</u> (15 min) Q&A and Discussion	<u>Invited Experts/Speakers</u> Alex Galis (UCL) Oliver Festor (EIT ICT Labs) Juanjo Hierro (TID)
15:30	Coffee	
15:45	Open Discussion	Moderator: Francesco Torelli (Engineering)
17:00	What's next	Dimitri Papadimitriou (Alcatel-Lucent)
17:15	End of Meeting	EC