



Mobile Communications & Technology Platform

Staying ahead!

5<sup>th</sup> Workshop on  
*Shaping the Future of  
Mobile and Wireless Communications*

Programme (Final)

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(Working Group on Leading-Edge Applications)

Athens, Greece

2010-May-19

Sponsored by



Version 4 – 2010-05-14

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## **MOTIVATION**

European Technology Platforms (ETPs) are fora where all stakeholders, led by industry, come together to define R&D priorities on areas of strategic importance for Europe's growth, competitiveness and sustainability. ETPs are designed as part of the 7<sup>th</sup> Framework Programme (FP7) of the European Commission, which will drive European R&D initiatives in the period 2007-2013. They are committed within their mandate to contribute in an appropriate manner to the challenge of helping Europe become the most advanced knowledge-based society.

eMobility ([www.emobility.eu.org](http://www.emobility.eu.org)) aims at reinforcing Europe's leadership in Mobile and Wireless Communications (M&WCs), which have created unprecedented possibilities for people to communicate and have become a key driver of economic growth.

Within the activities of eMobility, a Working Group on Leading-Edge Applications has been formed, in order to address non-technological aspects related to services and applications in M&WCs. Previous, successful, editions of these workshops were held in:

- 2006-May-22, Bonn, Germany, hosted by Deutsche Telekom;
- 2007-Sep-25, Rome, Italy, hosted by Telecom Italia;
- 2008-Oct-15, Stockholm, Sweden, hosted by Ericsson;
- 2009-May-19, Madrid, Spain, hosted by Telefónica.

## **OBJECTIVES**

The main objectives of the workshops are:

- to gather contributions to updated versions of the SRA/SAA (Strategic Research/Applications Agendas);
- to establish further links between M&WCs and other areas;
- to find new applications for M&WCs;
- to get disruptive ideas for R&D in M&WCs.

## **DATE AND VENUE**

The workshop will be held on 2010-May-19, in Athens, Greece, hosted by NCSR "Demokritos":

Conference Centre Auditorium / Division of Applied Technologies (DAT)

NCSR "Demokritos"

Aghia Paraskevi

Athens

Besides hosting the event, NCSR "Demokritos" will also sponsor it.  
Detailed information on the venue is given at the end of this document.

## COORDINATION

The Workshop is coordinated by:

- Luis M. Correia, IST – Technical University of Lisbon, Lisbon, Portugal
- Papadopoulos Homer, NCSR "Demokritos", Athens, Greece

## SPEAKERS AND CONTRIBUTING AREAS

Speakers were sought in the various focus areas of the SAA. The list of speakers follows:

- **Health and Inclusion**  
Theodore Vodetsianos, SOTIRIA – Regional Chest Diseases Hospital, Athens, Greece  
<http://www.sotiria-telecare.gr>
- **Transport**  
Ana Peleteiro, Univ. Vigo, Vigo, Spain  
<http://enigma.det.uvigo.es:8080/gti>
- **Environment**  
Andrew Clark, NSN, Farnborough, UK  
<http://www.nokiasiemensnetworks.com>
- **Future Internet**  
Marco Pistore, FBK-IRST, Trento, Italy  
<http://soa.fbk.eu>
- **Social Aspects**  
Vitor Reia Baptista, University of Algarve, Faro, Portugal  
<http://w3.ualg.pt/~vreja>

## FORMAT

The format of the workshop is as follows:

- each speaker is given a set of questions (a potential list is given below);
- each speaker gives a talk for 30 minutes, starting by identifying his/her area, its positioning in the area, and then giving contributions to answers to the questions; a discussion is held after each presentation;
- at the end of the day, there is a panel for global discussion and conclusions;
- presentations will be collected in proceedings, to be made available at eMobility's website.

## QUESTIONS TO BE ADDRESSED

The set of questions to be addressed by the speakers is (both in a general perspective and focused on a specific area, and not necessarily to be all addressed by each speaker):

- What is the current need for M&WCs in the area?
- What can be possible applications of M&WCs in the area that can really make a difference in the future?
- What have been your biggest sources for frustration regarding the communications needs in the area?
- How can M&WCs contribute to increase business in the area?
- What can be done to increase the usage of M&WCs in people's daily life?
- What new communication paradigms, technologies, materials, etc., would help push M&WCs systems far beyond today's performance?
- What do you consider to be the impact of M&WCs in the area?
- In which topics of the area do you consider M&WCs to be more important?
- What are the biggest challenges you encounter/view in the area? Where/How do the M&WCs contribute to address these challenges?
- Concerning user acceptance, what are the social or cultural aspects that need to be addressed?
- Clearly there will be technical hurdles. What are those?
- What might be the legal or regulatory challenges?
- In which ways can the impact of the M&WCs in the Environment be minimised? Are there any specific Environmental issues that your research is addressing? Or how does your research take into account Environmental issues?

## ATTENDANCE

The workshop is open to all eMobility members, but non-members can attend as well, depending on room capacity availability.

## PROGRAMME

The programme is as follows:

- 10h00 - 10h15: Opening
- 10h15 - 11h15: *Theodore Vodetsianos*
- 11h15 - 11h30: Break
- 11h30 - 12h30: *Andrew Clark*
- 12h30 - 13h30: Lunch

- 13h30 - 14h30: *Ana Peleteiro*
- 14h30 - 15h30: *Marco Pistore*
- 15h30 - 15h45: Break
- 15h45 - 16h45: *Vitor Reia Baptista*
- 16h45 - 17h15: Panel with all speakers, and Wrap up
- 17h15 - 17h20: Close

## TRANSPORTATION

The venue is within the NCSR "Demokritos" campus at Aghia Paraskevi, Athens. Detailed information is given at the end of this document.

Shuttle buses between the hotels listed below and the venue are available as follows:

- Departure from Hotels to NCSR – 09h35
- Departure from NCSR to Hotels – 17h30

## ACCOMODATION

Two hotels are recommended, listed below, from which a bus service will be provided to the venue. We suggest that you book rooms in one of these hotels, mentioning “Emobility Forum” to get the special agreed rates (which include breakfast)

- **ATHINAIS HOTEL \*\*\***  
 99 Vassilissis Sofias Av.  
 11521 Athens  
 Tel.: +30 210 64 31 133, Fax: +30 210 64 61 682  
 Email: [reserve@athinaishotel.gr](mailto:reserve@athinaishotel.gr)  
 URL: <http://www.athinaishotel.gr>  
 Single / Double room: 65.00 / 80.00 €
- **PRESIDENT HOTEL \*\*\*\***  
 43 Kifissias Av.  
 11523 Athens  
 Tel.: +30 210 69 89 000, Fax: +30 210 69 80 840  
 Email: [reservations@president.gr](mailto:reservations@president.gr)  
 URL: <http://www.president.gr>  
 Single / Double room: 85.00 / 89.00 €

## REGISTRATION

There will be no registration fee, as NCSR "Demokritos" is sponsoring the event. Nevertheless, all participants are required to register by sending an email to Ms. Vera Almeida, [vera.almeida@lx.it.pt](mailto:vera.almeida@lx.it.pt), (phone: +351-218 418 486), until Monday, 2010-05-10. The number of participants is limited.

## LOCAL INFORMATION

### How to reach the Division of Applied Technologies (DAT) / Main Auditorium at NCSR "Demokritos"

The NCSR Demokritos campus aerial view at Aghia Paraskevi, Athens, Greece.



#### Access to NCSR "Demokritos" from the centre of Athens

**By Bus:** Take the bus B5 from the Central Railway Station towards Aghia Paraskevi, and get off at the "4th stop of Ag. Paraskevi". The bus stop is very close to the main entrance of NCSR "Demokritos". Depending on the traffic, the journey from the centre of Athens may take from 45 to 60 minutes.

**By Metro and Bus:** Take the metro line 3 at "Monastiraki" or at "Syntagma" direction "Doukissis Plakentias". Get off at "Nosmimatokopio". From there you can take bus B5 or 406 or 407 towards the direction of Aghia Paraskevi, and get off at the "4th stop of Ag. Paraskevi". The bus stop is very close to the main entrance of NCSR "Demokritos". Depending on the traffic, the journey from the centre of Athens may take from 30 to 45 minutes.

**By Taxi:** Taking a taxi from the centre of Athens to NCSR "Demokritos" costs approx. €10-12. Depending on the traffic, the journey from the centre of Athens may take from 20 to 30 minutes.



**Access to NCSR "Demokritos" from the Athens International Airport "Eleftherios Venizelos"**

**By Bus:** Take the bus line X94 from the airport until the square Agia Paraskevi. From there you can take bus B5 towards the direction of Athens, and get off at the "4th stop of Ag. Paraskevi". The bus stop is very close to the main entrance of NCSR "Demokritos". Depending on the traffic, the journey from the centre of airport may take from 45 to 60 minutes.

**By Suburban, Metro and bus:** Take the Suburban railway from Airport to "Doukissis Plakentias". Then take the metro (line3) from "Doukissis Plakentias" to "Egalaio" and get off at "Nomismatokopio". Continue by bus (line B5 or 406 or 407, details above). Depending on the traffic, the journey may take from 35 to 40 minutes.

**By Metro and bus:** Take the metro (line3) from "Doukissis Plakentias" to "Egalaio" and get off at "Nomismatokopio". Continue by bus (line B5 or 406 or 407, details above). Depending on the traffic, the journey may take from 35 to 40 minutes.

**By Taxi:** Taking a taxi from the airport costs approx. €25-30 and the journey may take from 20 to 30 minutes.



**Access the Main Auditorium from the main entrance of the NCSR "Demokritos" campus**

The map shows the location of the Main Auditorium inside the campus.

