



Mobile Communications & Technology Platform

Staying ahead!

3rd Workshop on
*Shaping the Future of
Mobile and Wireless Communications*

Programme (Final)

Luis M. Correia

(Working Group on Leading-Edge Applications)

Stockholm, Sweden

2008-Oct-15

Sponsored by



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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 7th 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) 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. eMobility shall master the future development of this technology, so that it best serves Europe's citizens and the European economy.

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. Following the two previous successful editions of these workshops, held in Bonn, Germany, on 2006-May-22, hosted by Deutsche Telekom, and in Rome, Italy, on 2007-Sep-25, hosted by Telecom Italia, this 3rd edition will be held in Stockholm, Sweden, on 2008-Oct-15, hosted by Ericsson.

OBJECTIVES

The main objectives of the workshop are:

- to gather contributions to updated versions of the SRA (Strategic Research Agenda);
- to collect ideas for the SAA (Strategic Applications Agenda);
- 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 meeting will be held on 2008-Oct-15, in Kista, Stockholm, Sweden, hosted by Ericsson:

Sardinian Conf room

SE KI 27 03 459

Kistavägen 25

Kista, Stockholm

Sweden

Besides hosting the event, Ericsson will also sponsor it.

The building of the meeting room is the one on the map at the end of this document with the reference HUS 27.

COORDINATION

The Workshop is coordinated by:

- Luis M. Correia, IST – Technical University of Lisbon, Lisbon, Portugal
- Fiona Williams, Ericsson, Aachen, Germany

SPEAKERS AND CONTRIBUTING AREAS

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

- **Health and Inclusion**

Dr. Alison Marshall, Univ. of Leeds, Leeds, UK

www.mobilehealth.leeds.ac.uk

“Challenges and Opportunities in the Use of Mobile Communications in Healthcare”

- **Transport**

Dr. Djamel Khadraoui, CRP Henri Tudor, Luxembourg

www.crph.tu/cms/henritudor/content.nsf/id/FXFE-7DSFVF?opendocument&language=en

“Mobility and Multi-Modal Transport Problems”

- **Environment**

Dr. Willem Vereecken, Univ. of Ghent, Ghent, Belgium

www.ugent.be/en/people?ugentid=802000273858

“Estimating and Mitigating the Power Consumption of ICT”

- **Future Internet**

Dr. Deepak Agrawal, SAP Research, Walldorf, Germany

www.sap.com/about/company/research/fields/index.epx

“Mobile and Wireless Communication in Business Applications”

- **Future Internet**

Prof. Joe Nandhakumar, Univ. of Warwick, Coventry, United Kingdom

www.warwick.ac.uk/~bssfsw

“Social and Organisational Impact of Mobile Technologies”

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 - 10h10: Opening
- 10h10 - 11h10: Alison Marshall, *“Challenges and Opportunities in the Use of Mobile Communications in Healthcare”*
- 11h10 - 11h30: Break
- 11h30 - 12h30: Djamel Khadraoui, *“Mobility and Multi-Modal Transport Problems”*
- 12h30 - 13h30: Lunch
- 13h30 - 14h30: Willem Vereecken, *“Estimating and Mitigating the Power Consumption of ICT”*
- 14h30 - 15h30: Deepak Agrawal, *“Mobile and Wireless Communication in Business Applications”*
- 15h30 - 15h50: Break
- 15h50 - 16h50: Joe Nandhakumar, *“Social and Organisational Impact of Mobile Technologies”*
- 16h50 - 17h25: Panel with all speakers, and Wrap up
- 17h25 - 17h30: Close

TRANSPORTATION

The venue is a few hundred metres from the Underground (“T”) station “Kista”. See more detailed information at the end of this document. Kista is around 30 minutes by underground from the city centre.

ACCOMODATION

If you want to stay in a hotel near the venue, we suggest that you book rooms at either Mr. Chip Hotel or Memory Hotel (the only two hotels in the area; location on the map at the end of this document), which are within walking distance:

- Memory Hotel, Borgarfjordsgatan 3, 164 25 Kista
Phone: +46 8 7930700, Fax: + 46 8 7930800, hotel@memoryhotel.se, www.memoryhotel.se
- Mr Chip Hotel, Färögatan 9, 164 26 Kista

Phone: +46 8 7505600, Fax: + 46 8 7518580, hotel@mrchiphotel.se, www.mrchiphotel.se
Of course, you have the choice to book one of the many hotels in the centre of Stockholm.

REGISTRATION

There will be no registration fee, as Ericsson is sponsoring the event.









Nevertheless, all participants are required to register by sending an email to Ms. Vera Almeida, vera.almeida@lx.it.pt, (phone: +351-218 418 486), until Friday, 2008-10-10.

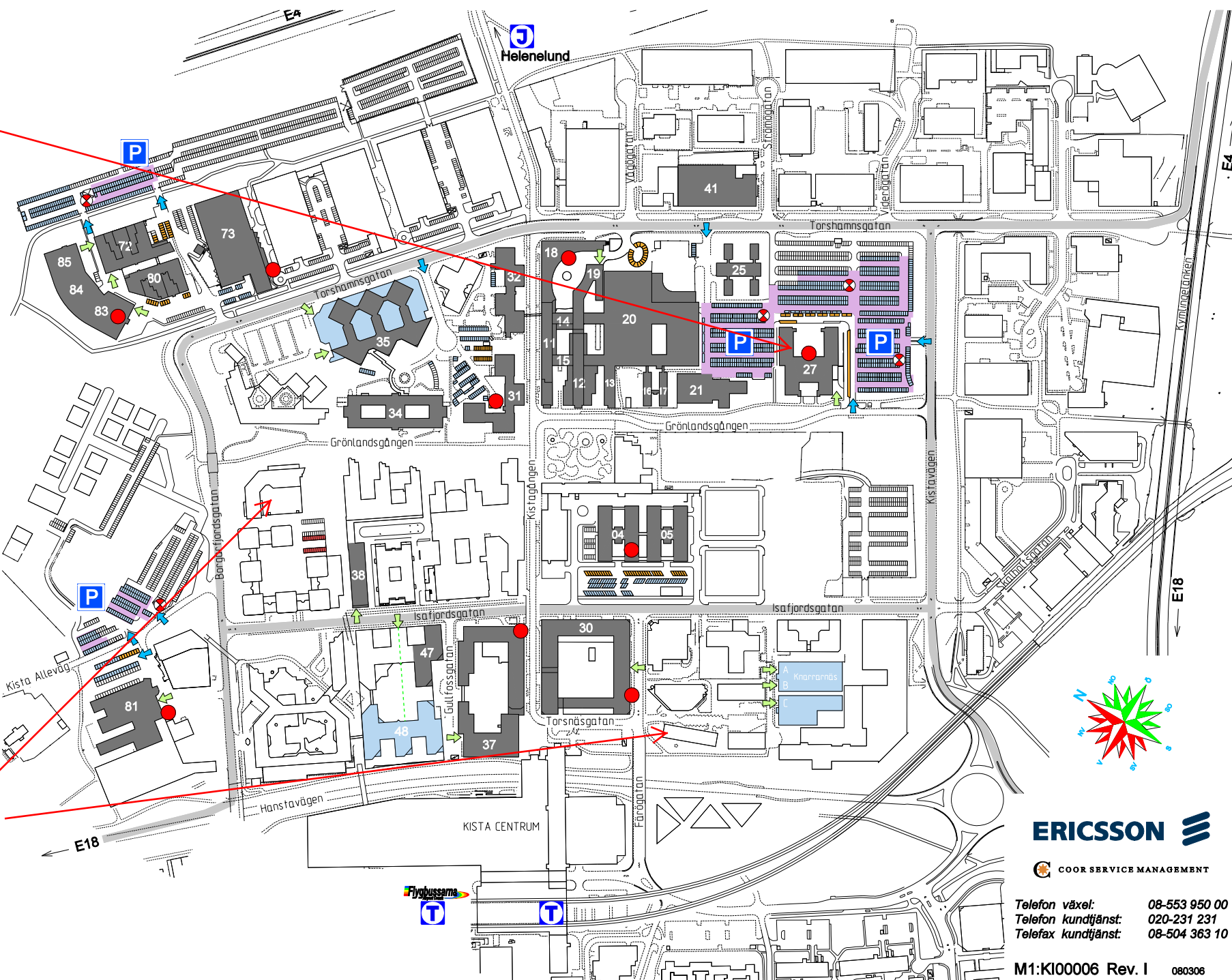
The number of participants is limited.

BESÖKSADRESS

BESÖKSKARTA ERICSSON I KISTA

- HUS 04-05 Isafjordsgatan 14E
Kv. Hekta
- HUS 11-21 Torshamnsgatan 23
Kv. Isafjord
- HUS 25 Torshamnsgatan 21
Kv. Isafjord
- HUS 27 Kistavägen 25
Kv. Blåfjäll
- HUS 30 Färögatan 6
Kv. Skathelt
- HUS 31 Torshamnsgatan 33
Kv. Borgarfjord 4
- HUS 32 Torshamnsgatan 29
Kv. Borgarfjord 3
- HUS 34 Torshamnsgatan 35
Kv. Borgarfjord 2
- HUS 35 Torshamnsgatan 39
Kv. Borgarfjord 2
- HUS 37 Kistagången 20, 24
Kv. Färöarna 3
- HUS 38 Isafjordsgatan 32B, 32C
Kv. Keftavik
- HUS 41 Strömögatan 3
Kv. Stockholm Borg 2
- HUS 47 Isafjordsgatan 35
Kv. Färöarna 1
- HUS 72 Torshamnsgatan 42
Kv. Helgafjäll 4
- HUS 73 Torshamnsgatan 36
Kv. Helgafjäll 3
- HUS 80 Torshamnsgatan 44
Kv. Helgafjäll 4
- HUS 81 Borgarfjordsgatan 18
Kv. Reykavik 1
- HUS 83-85 Torshamnsgatan 48
Kv. Helgafjäll 7

-  PARKERING FÖR BESÖKARE
-  PARKERING FÖR ANSTÄLLDA MED TILLSTÅND
-  AVGIFTSBELAGD PARKERING (BETALAUTOMAT)
-  PARKERING FÖR KURSDELTAGARE HOS ERICSSON EDUCATION
-  INFART TILL GARAGE/P-DÄCK
-  INFART TILL UTOMHUSPARKERING
-  BETALAUTOMAT
-  RECEPTION



Memory Hotel
Mr. Chip Hotel



Telefon växel: 08-553 950 00
 Telefon kundtjänst: 020-231 231
 Telefax kundtjänst: 08-504 363 10

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