



## Welcome to the WWI-MOCCA Workshop on future mobile and wireless communications in Shanghai!

On behalf of leading European projects we would like to welcome you to the WWI-MOCCA Workshop on future mobile and wireless communications.

The workshop will be held in conjunction with the „International Conference on Beyond 3G“, which will take place on October 18th and 19th, 2005. The two co-located events will highlight an extensive exchange of information and ideas in order to support international consensus building towards future systems.

We are looking forward to meeting you in Shanghai, the booming city of new technologies and international trade.

We would like to thank our colleagues from China and Europe, who made this event possible.

Dr. Fiona Williams  
MOCCA Project  
Coordinator

Dr. Werner Mohr  
Chair, WWI Steering  
Board

## See you in Shanghai!

Registration forms, accommodation and the latest information for the events are available on the workshop web site:

[www.wireless-world-initiative.org/Shanghai\\_2005](http://www.wireless-world-initiative.org/Shanghai_2005)

## Conference Fees:

### MOCCA-WWI Workshop

October 20th and 21st, 2005  
400 US \$

### International Conference on Beyond 3G

October 18th and 19th, 2005  
400 US \$

The International Conference on Beyond 3G and the MOCCA-WWI Workshop will be held at the Shanghai International Convention Center which is part of the Oriental Riverside Hotel.

### WWI Project Web Sites:

[www.ambient-networks.org](http://www.ambient-networks.org)  
[www.ist-winner.org](http://www.ist-winner.org)  
[www.ist-mobilife.org](http://www.ist-mobilife.org)  
[www.e2r.motlabs.com](http://www.e2r.motlabs.com)

## Challenges of Beyond 3G Systems Shanghai, October 20th and 21st, 2005

Providing you with an Overview  
of the leading Asian and European  
research projects on Mobile  
Communications



## Stay in touch with the future

### The event will feature:

- An agenda that provides both a broad overview on Day 1 and in-depth presentations on Day 2
- Expert high-level speakers from Europe and Asia
- The opportunity to exchange information with the world's leading manufacturers and operators
- The opportunity to compare and contrast European and Asian approaches
- Discussions on cooperation on Beyond 3G technologies
- An overview of the on-going work of over 100 organisations and 500 researchers in 8 European projects

The Shanghai International Convention Centre and the Oriental Riverside Hotel



## Day 1 Thursday 20-10-2005

|               |   |
|---------------|---|
| 08:00 - 09:00 | Registration  |
| 09:00 - 09:45 | Official Opening  |
| 09:45 - 10:15 | Introduction to the Framework Programme<br>European Commission Representative   |
| 10:15 - 10:45 | BREAK   |
| 10:45 - 11:15 | Highlights of Beyond 3G Research in Europe  |
| 11:15 - 11:40 | Introduction to WWI<br>Wireless World Initiative<br>Mr. Henrik Abramowicz - Ericsson<br>Dr. Werner Mohr - Siemens                     |
| 11:40 - 12:00 | Introduction to the Wireless World<br>Research Forum<br>Dr. Mikko Uusitalo - Nokia  |
| 12:00 - 13:30 | LUNCH   |
| 13:30 - 13:45 | Ambient Networks<br>Mr. Henrik Abramowicz - Ericsson  |
| 13:45 - 14:00 | End-to-End Reconfigurability (E <sup>2</sup> R)<br>Dr. Didier Bourse - Motorola   |
| 14:00 - 14:15 | MobiLife<br>Dr. Mika Klementtinen - Nokia   |
| 14:15 - 14:30 | Winner<br>Dr. Werner Mohr - Siemens   |
| 14:30 - 14:45 | MOCCA<br>Dr. Fiona Williams - Ericsson  |
| 14:45 - 15:00 | SPICE<br>Mr. Christophe Cordier - France Telecom  |
| 15:00 - 15:15 | MAESTRO<br>Mr. Thibault Gallet - Alcatel Space  |
| 15:15 - 15:30 | MAGNET<br>Prof. Ramjee Prasad - University of Aalborg   |
| 15:30 - 16:00 | BREAK   |
| 16:00 - 17:30 | Panel session on: International trends in<br>4G research with representatives from<br>mITF, NMGC, 4G Forum and other<br>organisations |
|               | DINNER  |

## Day 2 Friday 21-10-2005

### Parallel Morning Sessions 9.00 – 12.00

#### Ambient Networks

Mr. Henrik Abramowicz, Dr. Norbert Niebert - Ericsson

A novel approach to mobile network architecture and functionality of the future will be presented.

#### WINNER

Dr. Werner Mohr, Dr. Ludwig Hiebinger - Siemens

The project is developing a new radio interface for B3G mobile and wireless communication. The presentation will show the main results of this work including the latest innovative ideas.

#### MobiLife

Dr. Mika Klementtinen - Nokia

Results in the area of user requirements in every day life, privacy and trust, adaptation, semantic interoperability, novel services and applications will be presented.

#### End-to-End Reconfigurability (E<sup>2</sup>R)

Dr. Didier Bourse, Mr. Karim El-Khazen - Motorola

An overview of the End-to-End Reconfigurability seen as the key enabler for providing a seamless experience to end-users and operators. E<sup>2</sup>R is managing growingly complex architectures, reducing costs of systems, and providing flexibility to developers of services and applications.

### Parallel Afternoon Sessions 13:00 - 16:30

#### Magnet

Prof. Ramjee Prasad - University of Aalborg

Overview and visions of the project, which focuses on a new generation of adaptive personal networks. Through research it aims to develop environments that are smarter, more responsive, and more accommodating to the needs of the individual without jeopardising privacy and security.

#### Maestro

Mr. Thibault Gallet - Alcatel Space

Overview of a hybrid satellite/terrestrial repeater infrastructure designed to convey mobile broadcast services (including Mobile TV) towards mobile end-users. This solution targets smooth integration in mobile network to serve unlimited mobile user audience with nation wide coverage.

#### SPICE

Mr. Christophe Cordier - France Telecom

Insight into the service platform issues for B3G which will be addressed in WWI in the framework of the SPICE project (Service Platform for Innovative Communication Environment). Motivations, objectives and key principles of SPICE will be introduced.

#### MOCCA

Dr. Fiona Williams - Ericsson

The MOCCA approach towards harmonising perspectives for Systems Beyond 3G on a global basis and in particular the requirements of emerging economies will be presented.