

# International Workshop on Mobile IP-based Network Developments

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## Registration form:

### Details:

Last name: .....

First name: .....

Position: .....

Organisation: .....

Department: .....

Street: .....

City: .....

Country: .....

Postal code: .....

Tel: .....

Fax: .....

e-mail: .....

### Workshop Registration:

Registration is free

• Fill in this form and send (by post or fax) to:

Prof. Hamid Aghvami  
Centre for Telecommunications Research  
Kings College London  
Strand, London WC2R 2LS, UK  
Fax : +44(0)20 7848 2664

Please register me for attendance of the MIND workshop.

Date: ..... Signed: .....

• Or e-mail your details at: [mind-workshop@www.ctr.kcl.ac.uk](mailto:mind-workshop@www.ctr.kcl.ac.uk)

• Or register online at: <http://www.ist-mind.org/workshop.htm>

Network Architecture

Network Architecture

Location database

7 October 2002

King's College London

London, UK



Organised by the IST project MIND

Hosted by Kings College London

Vertical Handover

Vertical Handover

Horizontal Handover

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*MIND* is part of the 5<sup>th</sup> Framework IST European programme and is a follow on project from BRAIN.

The **BRAIN concept** was to propose a system architecture, which combines broadband radio access systems with UMTS and GSM to enable full coverage of seamless IP-based services for users in hot spot areas and on the move.

The **MIND objectives** are both to demonstrate the concepts developed in BRAIN and to extend these to include Ad Hoc components in both the wireless access and connected fringe networks, thereby continuing to create new business opportunities for the industry to offer high-speed (up to 20 Mbps) services complementary to existing mobile services. Contribution is also made to global standardisation bodies. The **objective of this workshop** is to present and discuss the concept, the approach and the latest results of the MIND project. Furthermore it will provide a forum for experts to discuss their vision on mobile communications beyond 3G. **Who should attend:** Executive directors, project managers, researchers, engineers, service and content providers and users of mobile communication networks

For more information please visit:

[www.ist-mind.org](http://www.ist-mind.org)

## Advance Programme:

### Morning Session:

- 08:30 – 09:00 Registration
- 09:00 – 09:15 Introduction to MIND
- 09:15 – 09:45 Keynote Address
- 09:45 – 10:15 Mobility Management – the BRAIN Candidate Mobility Protocol (BCMP)
- 10:15 – 10:45 Trials Activity – Practical Results
- 10:45 – 11:15 Coffee
- 11:15 – 11:35 An End-to-end QoS Negotiation Protocol
- 11:35 – 11:55 A Domain model approach to network security
- 11:55 – 12:15 Ad Hoc Network Extension Issues
- 12:15 – 12:45 Techno-economic analysis for the provision of IP services over wireless networks (TONIC)

### Afternoon Session:

- 14:00 – 14:15 Presentation from EU Commission (IST / 6FP)
- 14:15 – 14:35 Multicast routing for MANET extensions to IP access networks: the MMARP Protocol
- 14:35 – 14:55 Extending WLANs towards multihop radio networks
- 14:55 – 15:15 Extending WLANs to support higher velocity and increased transmission range
- 15:15 – 15:45 Tea Break
- 15:45 – 16:30 BRAIN / MIND Technical Summary and Conclusions

## MIND Partners



In association with:



UK&RI Comms  
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