

## 1<sup>st</sup> European Symposium on Mobility Management (EUMOBILE 2010)

To be held during the 2nd Conference on Mobile Lightweight Wireless Systems (MOBILIGHT 2010).

Barcelona, Spain, 10-12 May, 2010, <http://www.mobilight.org>

### Scope:

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One of the key characteristics of the Future Internet is the synergy and interworking of existing and new wireless communication environments that will exhibit ubiquity and multi-access capabilities. The integration of heterogeneous networks is revolutionizing the ICT area, introducing new opportunities, better communication channels and an enhanced quality of provided applications and services. In this environment, a user is able to connect to a number of heterogeneous RATs (Radio Access Technologies), either covering the same, or complementing geographical areas. These networks can be macro-cellular, WLANs, femto-cellular or even ad-hoc. In this environment, seamless mobility is coupled according to user preferences, enabling mobile users to be "Always Best Connected" (ABC) so that Quality of Experience is optimised and maintained. Furthermore, communication security is required at both communication and service layer. One of the goals of the workshop is to exchange of ideas and interaction among the different European Projects on the topic in question, with a special focus on FP7 projects related to mobility management systems. European technology platforms are also invited to present their views in the area. EUMOBILE 2010 will give researchers the opportunity to present their latest results on this topic. Researchers active in FP7 research projects as well as other leading international researchers are invited to participate and share their latest findings. The workshop intends to collect results from that work in this area as well.

Authors are invited to submit original, unpublished contributions dealing with topics on mobility management systems, including, but not limited to:

- Network Architectures and Mobility
- Mobility in Future Internet Initiatives (e.g. FIRE, GENI etc)
- Mobility Standardisation fora evolution (IETF: HOKEY/SEAMOBYPANA, IEEE: 802.21)
- IP-based Mobility Management Solutions in Heterogeneous Wireless Networks
- Efficient Handover Algorithms
- Radio Resource Management in heterogeneous wireless networks
- Privacy and Trust and AAA Management in Heterogeneous Wireless Networks
- Roaming in Multi-access environment
- Modeling, performance evaluation, simulation, and optimization techniques
- Wireless network testbeds and applications
- Interactive media in ubiquitous environments

### **Important dates:**

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<i>Paper submission deadline</i>	<i>January 15, 2010</i>
<i>Notification of Acceptance</i>	<i>February 15, 2010</i>
<i>Final paper</i>	<i>March 15, 2010</i>

*All submissions should be written in English with a maximum paper length of 12 single-column pages including figures according to the guidelines-<http://www.mobilight.org/submission.shtml>. Accepted papers will be published in Springer LNICST (Lecture Notes of ICST) and will be made available in ACM Digital Library. Selected papers will be invited to submit an extended version to the Special Issue on Springer Telecommunications Journal.*

*Note: Papers submitted to each workshop should be original and peer reviewed by the program committee and external reviewers. An accepted paper must be registered and presented at the workshop venue.*

### **Organizing committee:**

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