

2nd International Workshop on **Managing** Ubiquitous Communications and Services
(MUCS):

WWW.MUCS2004.ORG

Venue: Trinity College Dublin, Dublin, Ireland
December 13th & 14th 2004

Workshop Chair
Vincent Wade

Organising Committee

Dirk Pesch
Sven van der Meer
Vincent Wade

*Scientific Programme
Committee*

Nazim Agoulmine
Owen Conlan
Simon Dobson
William Donnelly
Olivier Festor
Martin Klepal
Dave Lewis
Rajiv Mathur
Paddy Nixon
Declan O'Sullivan
Micheál Ó Foghlú
Fergus O'Reilly
Tom Pfeifer

Important dates:

Submission deadline:
September 27th, 2004

Notification of
acceptance:
October 11th, 2004

Final versions due: Nov
7th, 2004

Main Workshop:
December 13th & 14th
2004

*Papers should be
submitted to:*
www.MUCS2004.org

*Papers should be in
LNCS format and be
no longer than 10
pages in length*

CALL FOR PAPERS

Ubiquitous Communications, as evidenced in pervasive computing and smart space applications present significant management challenges for successful delivery of highly adaptive services across heterogeneous networks, middleware, applications and devices. Today's management systems are unable to cope with the complexity, heterogeneity and automation required by the pervasive computing vision. New paradigms, models and technology need to be developed to allow computer systems to manage themselves in accordance with high-level guidance from humans. This workshop seeks to explore the theoretic, technological and organizational challenges in *managing* ubiquitous communications and application services.

The workshop provides a single-track scientific programme containing a blend of keynote presentations from leaders in the research of communications and services management systems, peer-reviewed papers and a small selection of invited presentations. The goal of the workshop is to investigate the state of the art in managing such communications systems.

Invited KeyNote Speakers:

Prof Morris Sloman, Imperial College London, UK
Dr John Strassner, TeleManagement Forum, USA
Prof Lajos Hanzo, Southampton University, UK

Topics of Interest:

Submissions are invited for original, and previously unpublished research in all aspects of management techniques in ubiquitous communications, including:

- Context Aware Self Management and Self Configuration Management
- Policy Based Management for Ubicomp environments
- Autonomic Communications and Systems Management
- Integrated Management of Wireless and Fixed Networks
- Management of Smart Space Devices and Applications (Smart Home/Office etc)
- Adaptive Service and Network Management
- Dynamic Composition of Management Services for Ubicomp environments
- Ambient Intelligence for Management
- Security, Trust and Privacy in Ubiquitous Communications
- Management and Control of mobile ad-hoc and sensor networks
- Content Oriented Network & Service Management
- Performance Management in Wireless Computing and Communications
- Distributed Self Management & Collective Collaboration
- Context Identification, Retrieval and Management
- Service and Network Management for Personalisation Optimisation
- Collaborative Management of Systems
- Provisioning and Maintenance of Quality of Service in Ubicomp environments
- Knowledge Representation techniques and Ontologies for Distributed Management Services

For inquiries for further information please contact the conference organizers:

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