MOBILWARE 2011

4th Int. ICST Conf. on Mobile Wireless Middleware, OSs, and Applications

June 22-24, 2011 – London, UK

Annual Theme: "Towards Mobile Middleware Enablers for Seamless Service Provisioning"

SCOPE OF CONFERENCE

The advances in wireless communication technologies and the proliferation of mobile devices have enabled the realization of intelligent environments for people to communicate with each other, interact with information-processing devices, and receive a wide range of mobile wireless services through various types of networks and systems everywhere, anytime. A key enabler of these pervasive and ubiquitous connectivity environments is the advancement of software technology in various communication sectors, ranging from communication middleware and operating systems to networking protocols and applications.

TOPICS

The conference solicits original technical papers, not previously published and not currently under review for publication elsewhere. Topics of interest include but are not limited to:

- New middleware concepts for mobile devices
- Cross platform application development
- Open terminal and network APIs
- End-to-end architectures for seamless service provisioning and deployment
- Integration of heterogeneous wired and wireless networks and frequency bands
- Interworking of mobile applications in mobile cloud environments
- QoS awareness, adaptation, and fault-tolerance of mobile services
- Opportunistic and delay-tolerant mobile and wireless networking
- Location-aware and context-aware networking and computing
- Energy-efficient applications and services and OS air interface management
- Mobility and handoff management
- Location and tracking supports and services
- Human-computer interface and portable 3D graphics for mobile devices
- Novel applications and communication protocols for wireless sensor networks, vehicular networks, and home networks
- Modeling, simulation, and performance evaluation of mobile wireless systems and services
- Trustworthiness, security, and privacy of mobile and wireless systems

PUBLICATION

Accepted papers will be published by Springer-Verlag in the Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering (LNICST) series. The proceedings will be available in both soft and hard copies by Springer.

SPECIAL ISSUES

Selected high-quality papers will be invited to a Special Issue of a prestigious journal in the area, probably Springer Mobile Networks and Applications (MONET) and/or Elsevier Pervasive and Mobile Computing (PMC) Journals – approval pending.

More information will be available on the conference website soon at: **www.mobilware.org**

General Chairs:

Vladimir Getov, University of Westminster, UK

Martin Sauter, WirelessMoves, Germany

TPC Chairs:

Stephan Steglich, Fraunhofer FOKUS, Germany

Nalini Venkatasubramanian, University of California, Irvine, USA

Qinghua Zheng, Xian Jiaotong University, P.R. China

Steering Committee:

Paolo Bellavista , University of Bologna, Italy

Carl Chang, Iowa State University, USA

Imrich Chlamtac, CREATE-NET, Italy

Thomas Magedanz, Technical University Berlin, Germany

IMPORTANT DATES:

Paper submission deadline:
February 13, 2011 (EXTENDED)

Notification deadline:
April 15, 2011

Camera-ready submission deadline:
May 15, 2011