



## MOBILWARE 2009

# Second International Conference on MOBILE Wireless MiddleWARE, Operating Systems, and Applications

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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 this 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. MOBILWARE, is dedicated to addressing emerging topics and challenges in various mobile wireless software-related areas. The scope of the conference is the design, implementation, deployment, and evaluation of middleware, operating systems, and applications for computing and communications in mobile wireless systems. It aims to provide a high profile, leading edge forum for researchers, engineers, and standards developers to present their latest research, techniques, and experiences in the field of software technology for mobile wireless systems.

**PAPERS:** Original and unpublished research achievements in various aspects of middleware/operating systems/applications are solicited. Topics include, but are not limited to:

- OS/middleware for embedded systems, wearable networks, and personal area networks
- OS/middleware support for the integration of heterogeneous wireless networks
- Middleware for mobile computing
- Middleware for QoS awareness, adaptation, and fault-tolerance of mobile services
- Middleware for opportunistic networking in delay-tolerant mobile services
- Location-aware and context-aware mobile supports and services
- Mobility management and handoff management in heterogeneous integrated networks
- Location and tracking supports and services
- Mobility-aware wireless service discovery, management, and delivery
- Intelligent and mobile agent technologies for mobile systems and services
- Human-computer interface and portable 3D graphics for mobile devices
- Middleware/applications for wireless sensor networks, vehicular networks, and home networks
- IP Multimedia Subsystem (IMS): management and integration challenged in enterprise scenarios
- Modeling and performance of mobile services (VoIP, gaming, P2P sharing, urban monitoring, ...)
- Deployment and management supports for large-scale mobile services
- Policy, trust, security, and privacy issues for mobile wireless networks

**WORKSHOPS/TUTORIALS:** Proposals for workshops/tutorials are solicited. Potential workshop/tutorial organizers are requested to submit a proposal of at most 5 pages, including a biographical sketch of each proponent, to the Workshop/Tutorial Chair by December 1, 2008. Proposal evaluation will be based on proponents' expertise and relevance of the subject matter.

**SUBMISSION INSTRUCTIONS:** All papers and workshop/tutorial proposal submissions will be handled electronically. Please visit the conference Website <http://www.mobilware.org> for detailed submission requirements and procedures.

**PUBLICATION:** All submitted papers will be rigorously reviewed by technical program committee members and invited reviewers. All accepted papers will be published in the novel Springer Lecture Notes of ICST series and then be included in major article indexing services. Extended versions of selected papers from MOBILWARE'09 will be published in a dedicated special issue of the Springer Mobile Networks and Applications (MONET) Journal.

### IMPORTANT DATES:

Paper Submission Due Date	November 23, 2008
Workshop/Tutorial Proposal Due Date	December 1, 2008
Notification of Acceptance	February 1, 2009
Camera Ready Versions Due	February 20, 2009