



MOBILWARE 2010

Third International Conference on MOBILE Wireless MiddleWARE, Operating Systems, and Applications

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"Addressing the Challenges in Next Generation Mobile Networks and the Future Internet"

Sponsored by ICST, technically co-sponsored by Create-Net

Proceedings published in the Springer LNICST Series

Chicago, USA, June 30-July 2, 2010 – <http://www.mobilware.org>

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 environment is the advancement of software technology in various communication sectors, ranging from communication middleware and operating systems to networking protocols and applications.

The 2010 edition of MOBILWARE will be the first time to move out of Europe. We plan to further diversify the representation of key organizers and expand the community of industrial and academic researchers fruitfully exchanging novel ideas and operational experiences in the field. 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 activities, techniques, and experiences in the area of software technology for mobile wireless systems.

PAPERS: Original and unpublished research achievements in various aspects of middleware/operating systems/applications for mobile computing are solicited. Areas of interest include, but are not limited to:

- Integration of heterogeneous wired and wireless networks
- 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
- Mobility and handoff management
- Location and tracking supports and services
- Mobility-aware service discovery, management, and delivery
- Agent technologies for mobile systems 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

WORKSHOPS/TUTORIALS: Proposals for workshops/tutorials are solicited. Potential 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 20, 2009. 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 MyReview paper submission server at <http://rs.cs.iastate.edu/MobilWare2010/> and the conference Website <http://www.mobilware.org> for detailed submission requirements and procedures.

PUBLICATION: All submitted papers will be rigorously reviewed by TPC members and invited reviewers. All accepted papers will be published in the novel Springer Lecture Notes of ICST (LNICST) series and be included in major article indexing services. Extended versions of selected best papers from MOBILWARE'10 will be published in a dedicated special issue of the *Springer Mobile Networks and Applications (MONET) Journal* and recommended for publication (fast review track) in the *Springer Journal of Network and Systems Management*.

IMPORTANT DATES:

Workshop/Tutorial Proposal Due Date	December 20, 2009
Paper Submission Due Date	February 1, 2010
Notification of Acceptance	April 1, 2010
Camera Ready Versions Due	April 20, 2010