

MOBICASE

October 26-29, 2009
Sponsored by ICST

The International Conference on Mobile Computing, Applications, and Services
www.mobibase.org

Important Dates

Abstracts due: May 1, 2009
Full papers due: May 8, 2009
Acceptance notification: June 29, 2009
Camera-ready due: August 1, 2009

General Co-Chairs

Rebecca Montanari, *University of Bologna, Italy*
Petros Zerfos, *IBM Watson Research Center, USA*

Steering Committee Chair

Imrich Chlamtac, *Create-Net*

Program Chair

Thomas Phan, *Microsoft, USA*

Industry Track Co-Chairs

Jatinder Pal Singh, *Deutsche Telekom R&D Labs
and Stanford University, USA*
Angela Nicoara, *Deutsche Telekom R&D Labs*

Workshop Chair

Ben Greenstein, *Intel Research Seattle, USA*

Demonstrations/Posters Chair

Angela Dalton, *Johns Hopkins University, USA*

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Karim Seada, *Nokia Research*
Timothy Sohn, *Nokia Research*
Andreas Terzis, *Johns Hopkins University*
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Pablo Vidales, *Deutsche Telekom R&D Labs*
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Researchers and engineers face new challenges stemming from consumer habits that continue to shift to encompass both a desktop-centric work environment as well as a smartphone-centric lifestyle. MobiCASE, the International Conference on Mobile Computing, Applications, and Services, will be where theory meets practice in the mobile wireless computing community. The conference will allow scientists and practitioners from both academia and industry to highlight their best work in mobile applications and service provisioning.

We seek novel submissions in mobile applications and systems research in domain topics above the OSI transport layer with an emphasis on complete end-to-end systems and their components. The conference will be organized into two broad categories, with topics of interest including, but not limited to:

Mobile applications:

- * Mobile social networking, such as crowd-sourcing or twittering
- * Healthcare, such as emergency notification or body monitoring systems
- * Transportation, such as nav-sat systems or traffic congestion management
- * Applications for enterprise environments
- * Personalization and context-aware applications
- * Online mobile targeted advertising
- * Novel user experience and interfaces
- * Mobile Web 2.0 and mobile web application frameworks (such as Mobile Ajax, Mobile Flash, J2ME, and others)
- * Supporting toolkits, programming languages, or libraries
- * Use of hardware features such as accelerometers, touch sensing, and GPS

Service provisioning for mobile users:

- * Application lifecycle management and distribution models
- * Smartphone platforms (Windows Mobile, Symbian, Android, and others)
- * Adaptive, self-configuring applications
- * Context-modeling and ontologies
- * Support for large-scale, scalable messaging and event processing
- * End-user network monitoring and management
- * Middleware and distributed systems in support of mobile applications

MobiCASE will also host an industry paper track where product groups in mobile computing can share real-world best practices and observations that can help guide and focus all attending researchers and practitioners. Research papers should focus on the design, implementation, and evaluation of complete systems and components. Papers will be limited to 10 single-spaced, double-column, 8.5" x 11" pages with 10-point font. Industry papers are limited to 8 pages. MobiCASE requires that all papers (both research and industry) describe novel, unpublished work, not concurrently under review elsewhere. Selected papers will be considered for publication in the ACM/Springer MONET journal.