



Annual Theme:

“Mobile Middleware: Connecting Cloud to Crowd, and beyond”

Highlights:

- For the first time in 2013, the conference is technically co-sponsored by IEEE Computer Society
- MobilWare is endorsed by the European Alliance for Innovation, a leading community-based organization devoted to ICT innovation advancements
- All accepted papers will be submitted for inclusion in the Computer Society Digital Library and IEEE Xplore, as well as in the ICST's own EU Digital Library (EUDL)
- Proceedings will be submitted for indexing in all major biblio indexes, e.g., Google Scholar, ISI, EI Compindex, Scopus, and many more
- Extended versions of selected best papers will be invited for magazine submission (special sections and fast review track) to IEEE IT Professional

Scope: Recent advances in wireless communications and the proliferation of powerful mobile devices have enabled smart cyber-physical environments where people and devices can seamlessly interact and where mass-market users are willing to receive/contribute to a wide range of mobile services, everywhere and anytime. A key enabler of these pervasive ubiquitous environments is the advancement of software and middleware technologies in various mobile-related sectors, ranging from effective synergic management of wireless communications to mobility/adaptivity support in operating systems, from horizontal support to crowdsourcing in different application domains to dynamic offloading to cloud resources, only to mention a few.

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
- Mobile middleware enabling machine-to-machine communication
- Mobile crowdsourcing and people-centric collaborative sensing
- Big data from mobile sensors-generated datastreams
- Smart space/city middleware and applications
- Middleware for mobile cloud computing (e.g., seamless offloading)
- Novel mechanisms for wireless sensor, and home networks
- End-to-end architectures for ubiquitous service provisioning and deployment
- Synergic integration of heterogeneous wired and wireless networks
- QoS awareness, adaptation, and fault-tolerance of mobile services
- Opportunistic, delay-tolerant, and store-carry-forward techniques for mobile and wireless networking
- Location/context-dependent support and services
- Energy-efficient applications, services, and middleware
- Mobility and handoff management
- Human-computer interface and portable 3D graphics for mobile devices
- Modeling, simulation, and performance evaluation of mobile wireless systems and services
- Trustworthiness, security, and privacy of mobile and wireless systems
- Thin client technologies, Mobile Web APIs, BONDI, WAC, HTML5
- Impact of IMS, RCS, RCS-e, EPC and LTE on the evolution of mobile middleware
- Mobile Social Networking

IMPORTANT DATES

Paper Submission Deadline: **September 1, 2013**
Notification of Acceptance: **September 25, 2013**
Camera Ready Deadline: **October 1, 2013**
Conference Date: **11-12 November, 2013**

Tutorial/Workshop Proposals: Proposals for Tutorials and Workshops are solicited. Potential Tutorial/Workshop organizers are requested to submit a three-page proposal in PDF format, including a biographical sketch of each proponent and a short bibliographic reference list, to the Tutorial&Workshop Chair by June 15, 2013. Accepted tutorials and workshops will be typically half-day long, with the possibility of full-day events only if adequately motivated. Proposal evaluation will be based mainly on proponents' expertise and tutorial/workshop relevance to the conference.

Best paper award: The program committee will designate one paper accepted to the conference as MOBILWARE 2013 Best Paper. The winner will be declared during the conference.

Paper submission: All the papers, formatted according with the usual IEEE proceedings instructions, have to be submitted through the conference online system at: <http://mobilware.org/2013>

Conference Organizing Committees

General Chair:

Paolo Bellavista, University of Bologna, Italy

TPC Co-Chairs:

J. Morris Chang, Iowa State University, USA

Axel Küpper, Telekom Innovation Laboratories/Technische Universität Berlin, Germany

Tutorial&Workshop Chair:

Peter Ruppel, Technische Universität Berlin, Germany

Publicity Chair:

Carlos Becker Westphall, Federal University of Santa Catarina, Brazil

Publications and Web Chair:

Carlo Giannelli, University of Bologna, Italy

About EAI: The European Alliance for Innovation is a dynamic eco-system for fostering ICT enabled innovation to improve European competitiveness and to benefit society. EAI uses open e-platforms to inspire grassroots collaboration among all relevant actors, from organizations to individuals, to stimulate community driven innovation to its institutional and individual members worldwide. Join the innovation community at www.eai.eu