

CALL FOR PARTICIPATION



MobiQuitous 2004



The First Annual International Conference on
Mobile and Ubiquitous Systems: Networking and Services

<http://mobiquitous.org/>

August 22–26, 2004 • Royal Sonesta Hotel, Cambridge, Massachusetts, USA

Held in cooperation with [AAAI](#), [IEEE Computer Society](#), [ACM SIGMOBILE](#)
and the [European Union's IST program](#)

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MobiQuitous 2004 is the first of a series of annual conferences focusing on the latest research in the rapidly growing area of mobile and ubiquitous computing. The combination of mobile and ubiquitous computing is emerging as a promising new paradigm with the goal to provide computing and communication services all the time, everywhere, transparently and invisibly to the user, using devices embedded in the surrounding physical environment. In this context, the communication devices, the objects with which they interact, or both, may be mobile. The implementation of such a paradigm requires advances in wireless networking technologies and devices, development of infrastructures supporting cognitive environments, and discovery and identification of ubiquitous computing applications and services. The First Annual International Conference on Mobile and Ubiquitous Systems: Networking and Services will cover all these aspects, representing a forum where practitioners and researchers coming from the many areas involved in ubiquitous solutions design and deployment will be able to interact, exchanging the cross-layer experiences needed to build the overall ubiquitous systems. Areas addressed by the conference include: applications, service-oriented computing, middleware, networking, agents, knowledge management and databases.

KEYNOTE SPEAKER: Professor **Mahadev Satyanarayanan**, Carnegie Mellon University.

INVITED SPEAKER: Dr. **Hamid Ahmadi**, IBM T.J. Watson Research Center.

TECHNICAL PROGRAM: 47 papers have been accepted for presentation and for publication in the conference proceedings. The advance program can be found online at the conference web page.

TUTORIALS AND PANELS: Four half-day tutorials (security in public wireless networks, localization and tracking in ubiquitous systems, data management aspects of mobile and ubiquitous computing, semantic web services) and three panels (featuring topics such as the state-of-the-art and the potential for future developments in mobile and ubiquitous computing, and the mobile/ubiquitous computing security) will complement the technical program.

WORKSHOPS: A-SWAN Workshop (AlgorithmS for Wireless And mobile Networks), P2PKM 2004 Workshop (The First International Workshop on Peer-to-Peer Knowledge Management), PSPT 2004 Workshop (First Workshop on Pervasive Security, Privacy and Trust), SANPA 2004 Workshop (Second International Workshop on Sensor and Actor Network Protocols and Applications) will be held in conjunction with the main conference.

DEMOS: The demo sessions will include more than a dozen demonstrations featuring technologies that enable the wired and wireless networking infrastructure for ubiquitous computing along with applications that showcase novel user experiences in environments of complex but invisible computing infrastructure.

VENUE: A block of rooms has been reserved at the Royal Sonesta Hotel Boston (Cambridge) at 5 Cambridge Parkway, Cambridge, MA 02142-1299 for Conference participants. Please make your hotel arrangements early in order to insure getting a room at the special conference rate. If making your reservations by phone, you will need to mention that you are a participant of the "MobiQuitous Conference" to receive the special, discounted conference price (\$139 for a single or double room). Individuals can make their reservations by calling the Sonesta reservations department at +1-617-806-4200.

IMPORTANT DATES: Discounted Hotel Reservation Deadline July 24th, 2004
Early Registration Deadline July 31st, 2004
Conference Dates August 22-26, 2004