**2009 Workshop on Mobility and Virtualization (MobiVirt)**

As handsets, PDA's, netbooks, and other mobile computing devices continue to evolve into devices that resemble full computers, there is a growing interest in applying virtualization technology to these devices.  Mobivirt seeks to bring together practitioners and researchers in operating systems, architecture, networks, programming languages, and security who are applying virtualization, broadly defined, to existing and emerging mobile computing systems.  Today, many handsets have a closed operating system, making it difficult for outsiders to innovate.  Even with the movement for open source, such as Android and Symbian, it may still be difficult to innovate, given the requirement to control access to the cellular network, the desire to protect against virus and rogue software, and the plethora of closed peripheral devices.  Mobile handset virtualization offers the potential to open up the platform without sacrificing the protection and security.  The workshop hopes to explore this possibility in greater depth.

**Topic areas of interest relating to virtualization:**

• Abstractions for mobile shared-resource infrastructures
• Issues in security, reliability, and isolation
• Customization and personalization
• Power Management
• Programming language support
• Radio issues (virtualization of WiFi, Bluetooth, GSM)
• Role of location-aware applications
• Novel uses of the technology
• Innovative Applications
• Experiments, analysis, performance numbers

**Program Committee  (Larry Rudolph, Chair (VMware))**

• David Bacon (IBM Research & Harvard University)
• Suman Banerjee (University of Wisconsin)
• Jorg Brakensiek (Nokia)
• Ramon Caceres (ATT)
• Ranveer Chandra (Microsoft)
• Romit Roy Choudhury (Duke University)
• Landon Cox (Duke University)
• Michel Glen (Virtuallogix)
• Gernot Heiser (OKLabs)
• Ulrich Kremer (Rutgers University)
•  Nitya Narasimhan (Motorola)
• Jason Nieh (Columbia University)
• M. Satyanarayanan (CMU)
• Karsten Schwan (Georgia Tech)
• Sang-bum Suh (Samsung)

**Dates:**

• Title and/or abstract submission deadline:  April 14, 2009    extended to April 21
• Paper submission deadline:    April 21, 2009  extended to April 28
• Notification of acceptance:     May 21, 2009
• Final camera-ready paper:      June 6, 2009

**Submission:**

Submissions should be in pdf format and no more than 10 pages.   Note that as a workshop, there is lots of flexibility in the initial submissions.


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