

THEME: ENTERPRISE MOBILITY , Jan 10<sup>th</sup> , Audi 3, 10 am to 1 pm

Organizations are constantly innovating to keep up with growing demand to enhance business productivity, customer delight and drive a competitive advantage. Organizations are exploring, the powerful technology entrant, Enterprise Mobility, to find answers to how mobile and wireless technologies can help scale businesses. Through this technology, organizations are enabling incremental productivity improvements to a radical redefinition of business processes. This tutorial session is an attempt to bring leaders in this space to share their vision and knowledge which would help other propel to the next level.

#### SESSION 1: TECHNOLOGIES FOR VARIOUS MOBILITY MODELS

SPEAKER: VISWANATH GANAPATHY, FELLOW, HONEYWELL RESEARCH

TUTORIAL ABSTRACT: In this tutorial the speaker will look at technologies that support different mobility models. These include approaches to support specific QoS constraints for latency critical applications. We will further discuss different aspects of mobility taking WiMAX a specific case study. In WiMAX we will discuss mobile IP based approaches to support mobility. Approaches to reduce hand-off latency based on hierarchical approaches will also be covered.

PROFILE:



Viswanath Ganapathy has a doctorate from IISc., Bangalore. His interest lies in the broad areas of communication and signal processing. He has worked on several wireless technologies including UWB, WiMAX and WLAN, published papers and patents filed in these areas. He has participated in multiple new product initiatives. He is currently associated with Honeywell research as a Fellow, Engineering.

#### SESSION 2: ENTERPRISE MOBILITY LANDSCAPE

SPEAKER: PUNEET GUPTA, PRINCIPAL RESEARCHER, INFOSYS TECHNOLOGIES LIMITED

TUTORIAL ABSTRACT: The talk will revolve around painting a picture of the enterprise mobility landscape answering the following questions 1. What is the market opportunity and how and how fast is it evolving? 2. How are enterprises reacting to the same? 3. What is the end to end architectural view that is required while looking at developing mobile solutions? 4. What are the key challenges around mobile access that need to appreciate and how should they be dealt with? As part of answering question 4, among other things the speaker will touch upon two themes that are central to the

research he is performing - Transactions centred interaction design and context sensitive mobile user interfaces.

PROFILE:



Puneet Gupta, who specializes in mobile computing, wireless technologies and convergence of electronics, telecom and information technologies, is currently spearheading convergence labs at the Software Engineering and Technology Labs (SETLabs), the R&D establishment of Infosys Technologies. At convergence labs, he and his team focuses on innovation in areas such as enterprise mobility, wireless technologies, pervasive and ubiquitous computing and sensor networking areas such as RFID and wireless sensor networks. A lead inventor, in over a twenty patent filings in these areas himself, Puneet like to describe himself as a person who is not sure if he is fascinated more by technology or the way technology can transform business! Previously, he has held system engineering and architecture responsibilities in Bell Labs, Lucent Technologies, where he was a key contributor to Lucent's 2nd and 3rd generation wireless technologies program. An avid writer and speaker, Puneet has over 100 publications to his credit in several reputed international magazines and Journals and has been a co-author of several books and industry publications. He is an acknowledged thought leader in the area of context-aware systems and is a frequent speaker and panelist at leading international technology conferences and tradeshows and serves on the advisory boards and program committees of several leading industry bodies and publications.