PRESENT AN ALL-DAY WORKSHOP ON
Convergence in Communication and Computing

Date: Friday, November 17th, 2006  Time: 7:00 A.M. – 5:00 P.M.
Location: Arizona State University, Tempe, Arizona – ASU Memorial Union (Arizona Room)

Abstract
The convergence of mobility, seamless connectivity, and broadband access are the underpinning of next-generation communication systems. Several new applications such as video-conferencing and wireless multimedia are emerging to leverage this capability. Many communication platforms (3G Cellular, WiMax, WLAN, etc.) compete to provide the best solutions for consumer needs in communication, computing and entertainment products. Technology challenges - component through system level - abound for realizing such opportunities at a marketable price point. This one day workshop will bring together experts from industry, academia, government labs, and the financial community to share market visions and to discuss technology issues, options, opportunities and emerging standards. The goal is to provide a comprehensive view of the challenges facing system, device, interconnect and packaging technologies. A panel discussion on the “Future of Convergence in Communications” will bring closure to the day’s workshop. Vendors in the entire supply chain will display their products and services throughout the day.

Topics
- Vision – A View of the Future of Convergence
- Market – Current Status and Future Trends
- Business Model
- System and Architecture
- Communication Technology Options and Standards
- Device Technology – RF, Microwave, Analog, and Base Band / Graphic Processing
- Packaging – Mobile Products and Infrastructure
- Antenna / Propagation
- System Integration
- Panel discussion on the Future of Convergence in Communications

Chair: Vasu Atluri  (480) 554-0360  Co-Chair: Chuck Weitzel  (480) 413-5906
Technical Committee
Rao Bonda  (480) 413-6121  Dev Gupta  (480) 540-3232  Mali Mahalingam  (480) 413-5368
Henning Braunisch  (480) 552-0844  Steve Goodnick  (480) 965-6410  Debendra Mallik  (480) 554-5328
Shahin Farahani  (480) 413-6010  Rashaundra Henderson  (480) 413-5374  Mel Miller  (480) 413-6111
Gary O’Brien  (480) 727-7454  Steve Rockwell  (480) 413-5235
Dragan Zupac  (480) 413-3964

For General Information: http://www.ieee.org/phoenix  For Workshop: Sergio Pacheco  (480) 413-3737
For Vendor: Vivek Gupta  (480) 554-2195