

Invited Talk – *John J. Barton* – HP Labs, Palo Alto, <john_barton@hp.com>

New Opportunities for Wireless Technologies in Ubiquitous Computing: Over the past three years our research group in HP Labs Palo Alto has been working on applications in the emerging field of ubiquitous computing. Many of these applications use wireless networking. Unfortunately the properties of today's wireless technology fail to match the needs of such ubiquitous applications. I will review those aspects of our projects that suggest new requirements for future wireless technology.