

**Bio:**

Wayne Burlison is a Professor of Electrical and Computer Engineering at the University of Massachusetts Amherst where he has been since 1990. He has a BSEE and MSEE from MIT and PhD in ECE from the University of Colorado. He has worked as a custom chip designer and consultant in the semiconductor industry. Wayne was a visiting professor at ENST Paris in 1996/97, at LIRM Montpellier in 2003 and at EPFL Switzerland in 2010/11. His research is in the general area of VLSI, including circuits and CAD for low-power, long interconnects, clocking and mixed signals, reliability, thermal effects, process variation and noise mitigation. He also conducts research in hardware security, reconfigurable computing, content-adaptive signal processing, RFID and multimedia instructional technologies. Wayne has published over 160 refereed publications in these areas and is a member of the ACM, ASEE, Sigma Xi, and a Fellow of the IEEE for contributions in integrated circuit design and signal processing.