



RAW 2013 Keynote 1

Unleashing Software Developers into the World of Reconfigurable Computing/Logic

Jaime Cummins, CEO, Pico Computing

Abstract: Today reconfigurable is the world of a small set of Hardware engineers. It is too alien and challenging for Software engineers to participate. What is needed to open the world to Software developers, and how this changes everything, enabling a new golden era of reconfigurable computing and applications?

About the Speaker: Jaime Cummins is the CEO of Pico Computing focused on delivering HPC from embedded to Super Computer class using reconfigurable computing hardware and techniques. Prior to Pico he founded Edison Labs, an independent R&D company developing advanced mobile phone apps, and conducted research in new semiconductor hardware and products. He was also the co-founder and CEO of Element CXI and QuickSilver Technology companies developing new adaptive semiconductor devices focused on heterogeneous processing, new forms of programmable logic/computing, instantaneous re-configuration and high degrees of reliability and robustness. In his career he was also the General Manager of Reconfigurable Logic at Xilinx, Director of Engineering for Interactive TV and broadband Communications at Pacific Bell, and Director of the Macintosh Operating System group for Apple Computer.

He received a BA in Logic from the University of California and attended the Graduate School of Engineering and Computer Science at California State University, Sacramento.