

Carbon Design Systems' Bill Neifert to Offer Perspective on Software-Driven

CTO's Presentation Will Describe ARM, SystemC-Based Model Methodology to Solve Power Challenges

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Bill Neifert, chief technology officer at Carbon Design Systems™, the leading supplier of tools for the automatic creation, validation and deployment of virtual hardware models, will present, "Understand How to Implement Software-Driven Power Optimization," during ARM Developers' Conference.

The Carbon Conference Session will run Thursday, October 4, from 10-10:45 a.m. in Room 210 at the Santa Clara Convention Center in Santa Clara, Calif.

Neifert's talk will discuss the importance of making power-based architectural decisions early in the system design cycle. The presentation will describe a methodology to address power issues utilizing a pre-silicon software development platform incorporating ARM processors and peripheral models automatically generated from legacy, third-party, or newly developed register transfer level (RTL) code.

The session is intended for intermediate-level software developers, hardware architects and firmware designers.

Details on the ARM Developers' Conference can be found at: <http://www.rtcgroup.com/arm/2007>.
About Carbon Design Systems

Carbon is the leading supplier of system-level tools to automatically create, validate and deploy software models generated from Verilog and/or VHDL descriptions. Carbon's models are used in conjunction with SystemC simulation platforms to enable architecture profiling and software validation in parallel with hardware development. Problems can be found and resolved early in the design cycle, rather than waiting for prototypes to be built or silicon to be delivered. Its solutions are based on open industry standards, including SystemC, SCML, Verilog, VHDL, OSCI TLM, MDI, CASI, CADI and CAPI. Carbon's customers are systems, semiconductor, and IP companies that focus on communications, networking, and consumer electronics. Carbon is headquartered at 375 Totten Pond Road, Waltham, Mass., 02451. Telephone: (781) 890-1500. Facsimile: (781) 890-1711. Email: info@carbondesignsystems.com. Web site: www.carbondesignsystems.com.