



System-Level Design Innovation Network "Electronic System-Level Design - Three Years On"

Thursday 24th September

Engineers' House, The Promenade, Clifton Down, Bristol, BS8 3NB

NMI network events provide opportunities for professionals to meet, exchange views and debate the issues.

Event Theme

In 2006, the NMI System-Level Design Network addressed ESL through a "Design for Re-use and Legacy IP" event. Three years on, we will review what ESL means today with a variety of case studies and presentations. Is ESL now in widespread production use, running out of steam or still maturing? What does it cost to invest in ESL, and what are the real benefits today? What changes are we are likely to see in the next three years, and what would accelerate further adoption of ESL? Does it improve interactions between the hardware/software engineers, and/or bind implementation more closely to the system architecture? Indeed, how is it impacting the skills needed for SoC design? Finally, are standards making a difference or are they only of academic interest?

In addition to the presentations, as with all NMI network events, there will be the opportunity to meet and network with attendees from a variety of organisations ranging from fabless semiconductor providers, IDMs, tool suppliers, foundries, design/software service providers, IP providers, training, research and academic institutions.

Agenda

09:00 Registration

Refreshments, Networking & Sponsor Table-Tops

9:45

Welcome & Introduction

Robin Kennedy, NMI

Realising the Value of ESL

Nick Gatherer, NXP

ESL and the OSCI TLM-2.0 Standard

John Aynsley, Doulos

Mobile Chip Design using High Level Synthesis

Alex Grove, Mentor Graphics

From Virtual Platforms to System Prototypes : Connecting Software to Reality

Markus Willems / Doug Amos, Synopsys

12:45 Buffet Lunch & Networking

ESL in the Future: The impact of Open Source

Jeremy Bennett, Embecosm

ESL Design and Verification

Tony Holmes, Cadence

Designer Productivity - an alternative approach

Rich Porter, Art of Silicon

Speaker Q&A Session

16:00 Close

Continued Networking

For further details, please contact Robin Kennedy
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