



# **NASCUG V**

**Jack Donovan**

**NASCUG Chairman**

**Co-Founder and President, ESLX**

**July 24, 2006**

# North American SystemC User's Group

- **Goal: Accelerate the use of SystemC and Electronic System Level design by promoting the sharing of ideas among users and potential users**
  - [www.nascug.org](http://www.nascug.org)
  - Presentations reviewed by a panel of users
  - Meeting Organized by Users
    - ◆ Greg Tumbush - AMI Semiconductor (formerly Starkey Labs)
    - ◆ Guy Bois - École Polytechnique de Montréal
- **Closely aligned with OSCI**
  - [www.systemc.org](http://www.systemc.org)
  - Provide financial and logistical support

# Thanks to Our Organizers



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# Thanks To Our Sponsors



# Agenda

- **2:00-2:05** Welcome and Agenda
- **2:05-2:25** Patterns and Issues in SystemC Usage
- **2:25-2:45** Effective Performance Analysis and Visualization of SystemC Models
- **2:45-3:05** ARM RealView ESL API's
- **3:05-3:25** High-Speed Hardware/Software Co-Verification with CPU Model Generator from Software Code
- **3:25-3:40** Break and Sponsor Table
- **3:40-4:00** Behavioral SystemC Implementation of an MP3 Decoder
- **4:00-4:55** PANEL: Exploring the "FUTURES" of SystemC
- **4:55-5:00** Surveys and Drawing
- **5:00-6:00** "BEVERAGES"

# Thanks to the Reviewers

- Grant Martin, Tensilica
- Bill Murray, Comcast.net
- Tor Jeremiassen, Texas Instruments
- Stuart Swan, Cadance
- David Lou, Analog
- Adam Rose, Mentor Graphics
- Lawrence Case, Freescale Semiconductor
- Cicerone Mihalache
- Rene Lemoyne
- Sandro Rigo, Unicamp
- Noida Sameer Arora, HCL
- Nasib Naser, Synopsys
- Ambar Sarkar Paradigm-works
- Gabriela Nicolescu Ecole Polytechnique de Montreal
- Michel Langevin, STMicroelectronics
- Bruno Lavigueur, STMicroelectronics
- Charles Pilkington, STMicroelectronics

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# Wrap

- **Please Completely Fill Out the Survey**
  - Your Survey is an entry for a Gift Certificate - just turn it in
  - Surveys are used to improve the next meeting
- **Join Us for [NASCUG VI](#)**
  - Check [ww.nascug.org](http://ww.nascug.org), for the latest word
  - Interested in being a Technical Co-Chair
    - ♦ Email me at [jackd@eslx.com](mailto:jackd@eslx.com)
  - Consider Doing a Presentation
  - Interested in Reviewing Presentations?
    - ♦ Email me at [jackd@eslx.com](mailto:jackd@eslx.com)
  - Thank You to our Technical Co-Chairs
    - ♦ Greg Tumbush - AMI Semiconductor (formerly Starkey Labs)
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