



NASCUG VI

Jack Donovan

NASCUG Chairman

Co-Founder and President, ESLX

February 21, 2007

Agenda

8:30 - 9:00 **Registration/Continental Breakfast**

9:00 - 9:05 **Welcome & Agenda** - Jack Donovan, ESLX, Inc.

9:05 - 9:15 **Overview of Current OSCI Activities** - Mike Meredith, President, OSCI

9:15 - 9:25 **NASCUG History** - Jack Donovan, ESLX, Inc.

9:25 - 9:55 **Using Programmer's View Timing Annotation for the Creation of Reusable TLM Models** - Charu Khosla, CoWare, Inc.

9:55 -10:15 **Practical Co-simulation with Cycle-callable Models** - Herve Alexanian, Sonics, Inc.

10:15-10:35 **PowerSC: A SystemC Framework for Power Estimation** - Felipe Klein, Computer Systems Laboratory/UNICAMP

10:35-10:50 **Break**

10:50-11:20 **SystemC Exports and Hierarchical Channels for Efficient Data Conversion and Loopback** - David C Black, ESLX, Inc.

11:20-11:40 **Language Extensions to SystemC: Process Control Constructs** - Bishnupriya Bhattacharya, Cadence Design Systems, Inc.

11:40-11:55 **Lunch**

11:55-12:50 **Panel - SystemC: A User's Perspective - What's Working and What Needs to be Improved**

12:50-1:00 **Wrap Up and Door Prize**



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History of NASCUG

- NASCUG Goal
- Brief History
- Sister User's Groups
- Organization & Funding
- Trends

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
 - Hold meetings twice per year
 - Presentations - www.nascug.org
- Closely aligned with OSCI
 - www.systemc.org
 - Provide financial and logistical support

NASCUG History

- I - DAC 2004 - June 2004 - 183
- II - GSPX - February 2005 - 72
- III - DAC 2005 - June 2005 - 222
- IV - DVCon 2006 - February 2006 - 141
- V - DAC 2006 - July 2006 - 192
- VI - DVCon 2007 - February 2007

Sister User's Groups

- European SystemC User's Group - ESCUG
 - <http://www-ti.informatik.uni-tuebingen.de/~systemc/systemc.html> (or get the link from www.nascug.org)
 - First User's Group
- Japanese SystemC User's Group
 - Have held 7 meetings
- Indian SystemC User's Group - ISCUG
 - 1st meeting at ESLD 2007 - January 12, 2007
- Latin America SystemC User's Group - LASCUG
 - Announced today

Organization

- Staffed by Volunteers
 - Chairman - Jack Donovan
 - Technical Co-Chairs - offset 2 year terms
 - ◆ Guy Bois
 - ◆ Tor Jeremiassen
 - Reviewers
 - ◆ Select presentations from abstracts
 - ◆ Review presentations
 - Want to Volunteer - email jackd@eslx.com
- Closely Aligned with OSCI
 - Some funding and direction
 - Help with Publicity
- Funding by sponsors
 - Want to Sponsor - email jackd@eslx.com

Thanks to Our Organizers



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Panel

- SystemC: A User's Perspective , What's Working and What Needs to be Improved
 - ◆- Terry Doherty, Emulex
 - ◆- Bill Dittenhofer, Hewlett Packard
 - ◆- Trevor Wieman, Intel
 - ◆- Victor Leonov, Motorola
 - ◆- Tor Jeremiassen, Texas Instruments

Wrap

- Please Completely Fill Out the Survey
 - Your Survey is an entry for an AMEX Gift Certificate - just turn it in
 - Surveys are used to improve the next meeting
- Join Us for **NASCUG VII** at DAC
 - Check ww.nascug.org, for the latest details
 - Interested in being a Technical Co-Chair
 - ◆ Email me at jackd@eslx.com
 - Consider Doing a Presentation
 - Interested in Reviewing Presentations?
 - ◆ Email me at jackd@eslx.com
 - Thank You to our Technical Co-Chairs
 - ◆ Tor Jeremiassen - Texas Instruments
 - ◆ Guy Bois - École Polytechnique de Montréal

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