



North American SystemC User's Group (NASUCUG)

DAC 2005

Anaheim, CA

Third NASCUG Meeting

- 3:00 - 5:20 Meeting
- Prize Drawing and Book Giveaway
 - Survey Form is Entry
 - iPod Mini
 - SystemC Books
- 5:20 SystemC Networking Session
 - Beverages and snacks



NASCUG STATUS

- Third NASCUG Meeting
 - Second DAC meeting
 - Previous Meeting at GSPX last September
 - Next meeting at DesignCon East Sept. 19 in Worcester, MA
 - Modeled after International User's Groups
 - Driven by the user community in concert with OSCI
 - Growing participation and attendance
- Opportunities to Contribute
 - Presenter
 - Co-Technical Chair
 - Technical Reviewer
 - Sponsor

Thanks to our Sponsors



OPEN SYSTEMC
INITIATIVE



NASCUG organized by:



Concordia
UNIVERSITY



Thanks To Reviewers

- Co-Technical Chairs
 - Dr. Sofiene Tahar – Concordia University
 - Dr. Greg Tumbush – Starkey Labs
- Reviewers
 - David Black – ESLX, Inc.
 - Joan Bartlett – Actis Design, LLC
 - Luc Charest – Univ. of the Sciences and Technologies of Lille
 - Joanne Degroat – Ohio State University
 - Bill Dittenhofer – Starkey Labs
 - Adam Donlin – Xilinx
 - Zafer Kadi – Intel
 - Rob Keist – Qualcomm
 - Rene Lemoyne – VLSI One
 - Grant Martin – Tensilica
 - Cicerone Mihalache - Mobilygen Corp.

Agenda

- 3:00 – 3:05 ***Welcome***
Jack Donovan, Chairman, NASCUG
- 3:05 – 3:15 ***SystemC IEEE Standardization***
Victor Berman, Cadence Design Systems, Inc.
- 3:15 – 3:35 ***An Introduction to the SystemC TLM Standard***
Stuart Swan, Cadence Design Systems, Inc.
- 3:35 – 3:55 ***Transaction-level Modeling and Verification in SystemC***
Adam Rose, Mentor Graphics, UK
- 3:55 – 4:15 ***Towards a Heterogeneous Simulation Kernel for System Level Models in SystemC***
Hiren Patel, Sandeep Shukla, Virginia Tech
- 4:15 – 4:35 ***Modeling Dynamic Reconfiguration of FPGAs with SystemC 2.1***
Adam Donlin, Xilinx
- 4:35 – 4:55 ***Platform Aware Algorithm Design Framework***
Kota Baskar, Element CXI
- 4:55 – 5:15 ***Modeling Software Interrupts Using SystemC***
David C. Black, ESLX, Inc.
- 5:15 – 5:20 ***Closing***

Closing

- **TURN IN YOUR SURVEY**
 - Make the next meeting better
 - Prize drawing in about 15 minutes
- Presentations will be posted at www.nascug.org in about 10 days
 - Some presenters have hard copies available
- **THANKS TO OUR PRESENTERS, SPONSORS AND VOLUNTEERS**