

# IEEE P1800 Status Report

*Synopsys EDA Interoperability Developers' Forum*

*Author: Johnny Srouji, IBM, P1800 Chair*

*Presenter: Karen Pieper, Synopsys*

The SystemVerilog logo, featuring the text 'SystemVerilog' in a blue serif font, with a green and yellow swoosh underneath it.

SystemVerilog

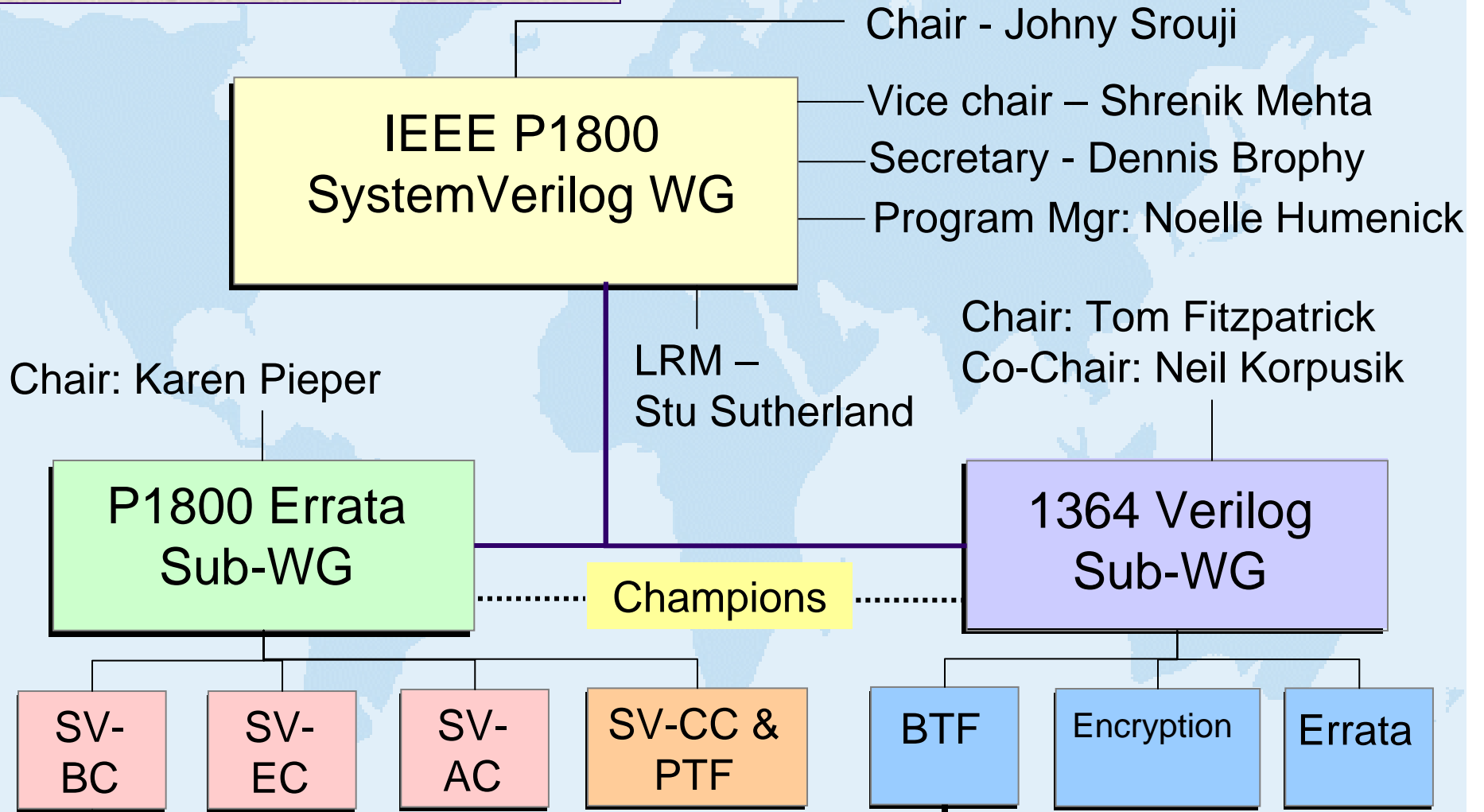
# Agenda

- Organization & Structure
- Main Goals – *The Big Picture*
- Status
- What's Next
- How do you get the new standard?
- How can you participate?
- Contacts

# Organization

- Over 50 members on iee1800 reflector
- 11 active members from Users' and EDA entities
- Elected Officers:
  - Chair: Johny Srouji, IBM corporation
  - Secretary: Dennis Brophy, Mentor Graphics
  - Vice-chair: Shrenik Mehta, SUN corporation

# IEEE P1800 Structure



# P1800 Goals - The Big Picture

- Develop, Approve and Publish an IEEE standard of SystemVerilog 1800 and Verilog 1364
  - In 2005
- Support the language; Correct Errata; Approve minor enhancements and enable interoperability with other standards (e.g. VHDL and AMS)
  - Maintain a “live” version of the LRM and publish next IEEE approved revision by end of 2007
- Publish a single LRM
  - Longer term

# Status

- SystemVerilog & Verilog Ballot Drafts were prepared and submitted to RevCom
- RevCom approved SystemVerilog 1800 and Verilog 1364 standards on October 27
- IEEE-SASB (Standards Association Standards Board) is scheduled to vote on the final approval on November 7
- Excellent Progress and collaboration between Accellera and IEEE-SA
  - Great contribution and dedication by technical people

# What's Next?

- Technical Committees were instructed to resume work and address Errata
- Upon final approval of SystemVerilog, a new PAR will be prepared and submitted to IEEE-NESCOM
  - Initiate the work on the 2007 version
- Interoperability to other standards and enhancements will be carefully evaluated
- Integration into a single LRM w/ Verilog will be evaluated at a later stage

# IEEE Standard Information

- How do I get the standard:
  - Once published, the standard will be available under <http://shop.ieee.org/ieeestore/>
- Pricing Information:
  - IEEE Product No: SH95376
  - List Price: \$65.00
  - IEEE Member Price: \$50.00
  - ISBN: 0-7381-4810-5
  - If a customer has a subscription to IEEE Standards Online, the document will be made available for download as part of their subscription

# Contacts & Participation

- IEEE meetings are open to the public
  - Everyone is welcome to attend meetings and voice their opinions
- Voting membership / balloting
  - By company, requires IEEE-SA membership
- Working Group:
  - Web site: <http://www.eda.org/sv-ieee1800/>
  - Chair: [Srouji@US.IBM.com](mailto:Srouji@US.IBM.com)
  - Vice Chair: [Shrenik.Mehta@sun.com](mailto:Shrenik.Mehta@sun.com)
  - Secretary: [dennisb@model.com](mailto:dennisb@model.com)