SV-CC Status
November 2003

Swapnajit Mittra (SGI) – Chair
Ghassan Khoory (Synopsys) – Co-Chair
Mission: Define C Interfaces (APIs) for SV

- Current goals for this committee in the SV 3.1a time frame are:
  - Prepare an errata list of items for SV 3.1 SV-CC contributions
  - Technology donations
    - Provide an extended VCD-like interface for SV objects (Novas)
    - Provide facility of exported tasks (Mentor)
    - Provide a VPI interface to SV (Synopsys)
Accomplishment: Errata from SV 3.1

- LRM-1: chandle garbage collection
- LRM-5: dpi_function_proto
- LRM-17: Open array related changes
- LRM-38: Import function argument direction
Accomplishment: Technology Donations

- Donation materials obtained from Mentor Graphics, Novas and Synopsys.
  - Donation materials from Mentor and Novas have been presented to the team and under review by the members.
  - Donation from Synopsys has been presented and currently under acceptance vote.
  - Votes were organized to accept/reject the donation materials from Mentor and Novas for more review. Both were accepted.
Planned Activities and Milestones

- **12/1/2003**: Complete technology errata, freeze technology of submissions, close implementation feedback
- **12/24/2003**: End of LRM development, start of LRM review
- **01/24/2004**: Send to board
- **02/24/2004**: Release 3.1A LRM
Risks and Challenges

• Schedule risk: Many of the technologies are under discussion and the schedule of the outcome is not predictable.
  – What we are doing about it:
    • Informal meetings
    • Increased frequency of the formal meetings
    • Frequent updates if the proposals

• Technology synchronization: Parallel developments in other committees may not be fully covered or understood.
  – What we are doing about it:
    • Background meetings among the champions.