



Working Group Meeting September 12, 2012

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WG Chair

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Administrative Issues

- ◆ **Approval of minutes of WG meeting**
 - Meeting of June 13, 2012
- ◆ **Review of IEEE patent policy**
 - <http://standards.ieee.org/board/pat/pat-slideset.pdf>
- ◆ **Fund raising status**
 - Held several further discussions with IEEE-SA regarding fund raising under non-profit rules
 - Requires approval from IEEE BoD
 - Discussion about whether a dedicated fund needs to be created (probably not)
 - Meeting of August 20 yielded another option
 - WG creates a new category of Supporter
 - Supporters can be anybody (entities or individuals)
 - Supporters are not WG members (only individuals can be)
 - Supporters can be acknowledged in Standard



Agenda

- ◆ **Call to order**
- ◆ **Approval of agenda**
- ◆ **Administrative issues**
 - Minutes of June 13, 2012 meeting
 - Review of IEEE patent policy
 - Fund raising
 - P&P updates
 - User group
- ◆ **Project status and updates**
- ◆ **Next meeting**
- ◆ **AOB**
- ◆ **Adjourn**

Administrative Issues (contd.)

- ◆ **P&P update**
 - We have 2 choices
 - Leave P&Ps alone, and create Supporter category informally
 - Add Supporter category to P&Ps, which requires full revision of P&Ps as all updates must use the new template released September 7
 - Leaning towards updating P&Ps
- ◆ **User Groups**
 - Held discussions between Officers
 - Intent is to get more direct feedback
 - User Group organizations separate from WG



Project Updates

- ◆ **VHPI-AMS**: David Smith
- ◆ **1076.1.1 integration**: David Smith
- ◆ **Other mandatory changes**: Ernst Christen
- ◆ **Frequency domain modeling**: Ernst Christen
- ◆ **Mixed netlists**: Ernst Christen
- ◆ **Table-driven modeling**: Joachim Haase
- ◆ **Vector/matrix operations**: Zhichao Deng



1076.1.1 Integration

- ◆ **2 members regular** (David Smith, Ernst Christen)
- ◆ **No Progress**
 - Depends on baselined LRM
- ◆ **Next steps are:**
 - Peter to partition and include existing 1076.1.1 when working on new LRM.
 - David to develop requirements for Dimension support.
 - Review against SI language once the material is in the new LRM.



VHPI-AMS

- ◆ **4 members regular**
 - David Smith (champion), Ernst Christen, Yaseen Zaidi, Peter Ashenden
- ◆ **No progress**
- ◆ **Next steps**
 - Review functions (David)
 - Review Verilog VPI presentation created by Yaseen
 - Review Cadence VHPI-AMS material



Other Mandatory Changes

- ◆ **No progress**
 - Depends on baselined LRM
- ◆ **Next steps**
 - Fund raising
 - Enter contract with Peter



Frequency Domain Modeling

- ◆ **4 regular members, 7 total**
 - Ernst Christen (champion), Joachim Haase, David Smith, Zhichao Deng, Subramanian Sivaramakrishnan, Brian Mulvaney, Thuy Tran
- ◆ **White paper describing all aspects related to support frequency domain modeling ready for review and approval by WG**
- ◆ **No meetings planned**



Vector/Matrix Operations

- ◆ **4 regular members of subcommittee**
 - Zhichao Deng (champion), David Bishop, Subramanian Sivaramakrishnan, Ernst Christen
- ◆ **Work is of high interest to 1076 working group**
- ◆ **Early draft of matrix_real package currently under review by subcommittee**



Table-Driven Modeling

- ◆ **Members of TDM subcommittee:**
 - Joachim Haase (champion), Ernst Christen, Arpad Muranyi, Alain Vachoux
- ◆ **Work is also of interest to 1076 working group**
- ◆ **Last meeting July 9, 2012**
 - Discussion about supporting Touchstone files
- ◆ **Next steps**
 - Investigate callback architecture to support user-written reader functions
 - Protected types vs other approaches
 - Resolve issues raised regarding Touchstone and IBIS support
- ◆ **Next phone conference of TDM subcommittee Sept. 25, 2012**



Next Steps

- ◆ **1076.1 revision**
 - Fundraising issues
 - P&P update
- ◆ **Next meetings (announced at www.eda.org/vhdl-ams/):**
 - Wednesday, October 10, 2012, 8 am PDT (15:00 UTC)

