



IEEE DASC P1076.1 Working Group
<http://www.eda.org/vhdl-ams/>

Working Group Meeting
January 14, 2015

Ernst Christen
 WG Chair
christen.1858@comcast.net

Agenda

- ◆ **Call to order**
- ◆ **Approval of agenda**
- ◆ **Administrative issues**
 - Minutes of November 5, 2014 meeting
 - Review of IEEE patent policy
 - P1076.1 bank account
 - Elections
- ◆ **Project discussions and planning**
- ◆ **Next meeting**
- ◆ **AOB**
- ◆ **Adjourn**

IEEE DASC P1076.1 WG Meeting –January 14, 2015

<http://www.eda.org/vhdl-ams/> - 2

Administrative Issues

- ◆ **Approval of minutes of WG meeting**
 - Meeting of November 5, 2014, available at <http://www.eda.org/vhdl-ams/>
- ◆ **Review of IEEE patent policy**
 - <http://standards.ieee.org/board/pat/pat-slideset.pdf>
- ◆ **P1076.1 bank account**
 - WG Vote was unanimous to close account and transfer remaining funds to DASC
 - Status?
- ◆ **Elections**
 - WG Secretary
 - Call for Nominations open till January 20
 - Goal is to complete election before next WG meeting
 - P&Ps
 - Update needed to remove position of Treasurer

IEEE DASC P1076.1 WG Meeting –January 14, 2015

<http://www.eda.org/vhdl-ams/> - 3

Project Discussion and Planning: PAR

- ◆ **PAR status**
 - Granted 3/31/2011
 - Expiration 12/31/2015
- ◆ **PAR extensions**
 - Extensions may be requested for a period of one to four years (usually one or two)
 - Extension requests shall include sufficient information to provide reasonable confidence that the project will be completed with the additional time requested in the extension
 - Extension requests will not be granted if a draft document has not been generated after four years
- ◆ **Implications**
 - Need solid planning for remaining work
 - Need to have a first draft document available when asking for an extension

IEEE DASC P1076.1 WG Meeting –January 14, 2015

<http://www.eda.org/vhdl-ams/> - 4

Project Discussion and Planning: 1 Year Ago

- ◆ **From December 11, 2013 meeting**
 - Lead time to get to an approved standard
 - About 3 months to review and finalize LRM after all enhancements have been integrated
 - About 2 months for balloting
 - About 4 months for ballot resolution and recirculation ballot
 - Conclusion
 - We should complete development work in Q1 2015
 - Actions recommended
 - Prepare project plan for each project
 - Reach consensus on projects to pursue
 - Focus only on projects that are not postponed



IEEE DASC P1076.1 WG Meeting –January 14, 2015

<http://www.eda.org/vhdl-ams/> - 5

Project Discussion and Planning: Active Projects

Project	Champion	Status	Importance
LRM	Alain Vachoux		required
VHPI-AMS	vacant	needs baselined LRM	
1076.1.1 integration	vacant	needs baselined LRM	high
Mandatory changes	Ernst Christen	2 LCSs done, needs baselined LRM	required
Table-driven modeling	Joachim Haase	rework to use protected types under way	medium-high
Frequency-domain modeling	Ernst Christen	done, needs approval	low-medium
Vector/matrix operations	Zhichao Deng	updating after review	medium-high



IEEE DASC P1076.1 WG Meeting –January 14, 2015

<http://www.eda.org/vhdl-ams/> - 6

Project Discussion and Planning: Next Steps

- ◆ **Champions for VHPI-AMS and 1076.1.1 integration**
- ◆ **Project plans**
 - Project champions to update plan created a year ago for each project
 - Goal
 - Exact status
 - Remaining work
 - Plan to complete work
 - Resources
 - Time line
 - Present updated plans at next WG meeting
- ◆ **Plan for completing P1076.1 revision to be updated based on project plans**
- ◆ **Request PAR extension**



IEEE DASC P1076.1 WG Meeting –January 14, 2015

<http://www.eda.org/vhdl-ams/> - 7

Next Steps

- ◆ **Elections: Secretary**
- ◆ **Project plans**
 - To be available 2 days before next meeting
- ◆ **Closing of bank account**
- ◆ **Baselined LRM**
- ◆ **Next meetings (announced at www.eda.org/vhdl-ams/):**
 - Wednesday, February 18, 2015, 8:00am PST (16:00 UTC)



IEEE DASC P1076.1 WG Meeting –January 14, 2015

<http://www.eda.org/vhdl-ams/> - 8