DASC-SC Meeting

17 June 05

Anaheim, CA

Attendees

John Williams
John Shields
Peter Ashenden*^
Victor Berman*^
Ernst Christian*^
Dave Barton*^
Stephen Bailey*^
Jim Lewis*
John Willis*
Oz Levia*^
Yaron Kashai*^
Adam Morawiecz* (ECSI representative)
Alex Zamfirescu*
Chuck Swart*
Manjit Walia

Apologies (Unable to Attend)

Harry Foster
Alan Mantooth
Tim Ehrler
Ajay Varikat
Jonny Srouji

*In-person attendees
^DASC-SC members for quorum

Minutes

Meeting called to order.

Quorum achieved with 7 SC members present (Ernst is vice chair of 1076.1).

Agenda
Review minutes of 10 Mar 05
Business arising from the minutes
Report of business conducted by email
Financial report

Reports from Liaison Representatives
Project Reports
Study Group Reports

Review minutes of 10 Mar 05 Meeting

Minutes were approved.
Action items
- Roethig/Zamfirescu on IEC dual logo standards maintenance. Zamfirescu will report later in the meeting.
- Ashenden's action items. Background work on maintenance of standards with Accellera. No other progress on action items.
- Berman's DASC vitality proposal will be discussed later in the meeting.

Business Conducted by Email

- EDA VuSpec collection now available from the IEEE with annual updates planned. ($350 is the cost for a $1000 value.)
- 1076.1 PAR approved for revision
- 1076.4/Cor-1 approved
- Letter granting Accellera permission to use IEEE-1076 for revision project. Levia questioned whether the DASC had requested this from the IEEE. Ashenden responded that the DASC did approve this request at the last meeting.
- … approved as dual logo standards
- IEEE CS/SAB review of process for "fast-track" adoption/approval of standards
- Discussion of archiving of WG material
  - Sponsor may archive for up to 5 years
  - Material should then be discarded
  - SA keeps required official records
  - Discussion by Swart on the usefulness of keeping WG material longer than 5 years.
  - Action item: Ashenden to follow up to clarify if material must be destroyed after 5 years.
- Proposal for web presence and collaboration support for SAB, sponsors and WGs
- DASC/CAG approved SPIRIT SG

Financial Report

- Possible charges in March (for DATE meeting)
- Current cash balance: $1380
- Income will remain low (no expectations for significant increase in renewals)
- Expenses low due to less travel

Liaison Representative Reports

- See Peter's Slides

- Note: PatCom slides have been updated (WG chairs should ensure they use the latest version. Peter will create a link from the DASC website to the PatCom slides on the SA website.)
- Berman questioned the meaning of the survey for vitality. Ashenden remarked on criteria (WG formation/disbandment, etc) that they are looking for.
- Proposal to relax 50% requirement for email voting rules.
- SA proposal for "stabilized" standards will likely not move forward due to legal concerns.
- Fast-Track process is meant for externally developed standards and reaching IEEE approval with minimal changes. Existing process available to put IEEE cover sheet on top of an existing document and, optionally, to update the doc to conform to IEEE style only with no technical changes. Documentation of the guidelines is being prepared.
- TC93 Liaison. See Zamfirescu's report.
    - Levia: What's the implication of the concerns with VHDL and Verilog maintenance without IEC input. IEC did not receive copies of the 1800/1364 ballot drafts to the IEC.
    - Zamfirescu: IEEE/IEC agreement is that the IEEE will seek IEC input on revised standards.
    - Ashenden: Will follow up with Andy Ickewicz on why IEC did not receive drafts.
    - Action Item: Bailey to get draft of 1076 LRM with VHPI additions to Zamfirescu for IEC review. This is the only 1076 draft existing today and it has only been circulated for internal WG review.
- JEITA, EDA Technical Committee
    - Active in reviews of 1666 and other technical reviews.
- DATC
    - Dave Barton is DATC chair through 2006.
    - Desire to have a conference on standards implications to a broader audience. And gather information for SGs and WGs. To be co-sponsored by DATC & DASC. Technical interchange; not WG meetings. (Zamfirescu's desire for a holistic approach to numerics.)
    - Results could lead to formation of SGs or activity within WGs.
    - Probably would co-locate with a popular conference.
    - Berman and Zamfirescu will work with Barton and Willis to organize this workshop
    - TTTC/TTSC can be useful
    - Bailey suggested to involve Accellera due to their standards incubation role. Ashenden also recommended working with ECSI as they provide a similar role in Europe.
- CAD TC (Technical Council)
    - Berman has had difficulty getting any specific information on this activity. Information received so far has been vague.
- Accellera
    - New VHDL Accellera WG.
    - Continuing Accellera support for P1800 and P1850.

Project reports

- See WG reports and chair's slides.
- 1076.1.1. Was approved and publication is due 17 June
- 1076.4: Zamfirescu stated there is a better way to specify the semantics of the standard if the 1076 standard was enhanced to incorporate semantic behavior within the 1076.4 standard. Ashenden suggested that use of the VHPI by 1076.4 could also provide a better foundation for specifying the semantics. However, this level of change is outside the scope of a corrigendum.
- 1076.6: No activity. Barton moved for dissolution of the WG. Levia seconded. WG dissolution was approved with no objection.
- 1364.1: As with 1076.6 has not been active. Bailey moved to dissolve the WG. Berman seconded. Motion approved with no objections.
Zamfirescu moved to commend Bhasker for his leadership of the 1076.6 and 1364.1 WGs. Ashenden seconded. Motion approved by acclamation!
- 1481: Action Item: Ashenden to request a project plan from this WG and have the chair present it at the next DASC SC meeting.
- 1499 has been reaffirmed. No WG activity. Barton moved to dissolve the WG. Kashai seconded. Motion approved with no objection.
- 1603: No activity. Action Item: Zamfirescu will check with W. Roethig if there is any corrigenda that need to be addressed. Levia moved to dissolve the WG unless we hear there's a need to maintain the WG within 7 days. Motion withdrawn after discussion. Action item remains in place and with any action to dissolve to be conducted later via email.
- 1647: Levia suggested switching to an entity-based PAR. Kashai and Berman said they would consider it off-line.
- 1666: WG officer elections in process. See project status slides for additional status.

DASC Patent Policy

PatCom has directed all sponsors to not deviate in any way from the SA Patent Policy. Levia discussed P1800 experience in this area.
Action Item: Ashenden will update the DASC P&Ps to conform to the SA Patent Policy.

DASC 2005/06 Activities

- EDA standards workshop as discussed previously
- DASC-SC meeting schedule
  - 19 Sep, Piscataway, NJ
  - 2006
    - January EDS Fair, 26-27 January, Japan
    - March: DATE 6-10 March, Munich, Germany
    - July: DAC, 24-28 July, San Francisco
    - September: Piscataway, NJ

Other Business

DASC restructuring discussion initiated by Berman.

- Issue of quorum in DASC meetings.
  This has been largely addressed through elimination of inactive working groups. However, there are still WG chairs that continue to not participate in DASC activities and meetings.
  Suggested to structure SC to be the 4 officers plus 2 at-large WG chairs elected to the SC.
- Tighter operating standards and process. Where WGs are required to have plans and be held accountable for them.
- General membership in DASC. Should we continue to be individual membership based or entity based (or both). We need a membership that will help us achieve the goal of being the focus of design automation standards. The suggestion is that DASC move to an entity-only organization.

Meeting Adjournment