Minutes (Approved)
Microprocessor Standards Committee
Tuesday, 12 January 2021, 11:00AM EST to 12:00AM EST

Note: The elements of the approved agenda are in italics, while actions taken and paraphrased discussion are in non-italic type.

1. *Introduction and Roll Call*

    Richard Bugg,

    Leonard Tsai

    Ashley Butterworth

    David Hough

    Ralph Baker Kearfott

    Kieran Gunnam

    Nathalie Revol

     (Tom Thompson)

2. *Approval of previous meeting minutes*

    (previously approved by email consensus)

3. *Approval of Agenda*

    approved by consensus

4. *Referencing withdrawn standards*

    Ashley: 1394a has been withdrawn

    Tom: As long as in inactive reserve, still available for purchase, but will check with

    governance regarding referencing this and referencing inactive standards.

    Tom posted the following to the teleconference chat window during the meeting:

    "According to the Style Manual for Normative references: Withdrawn standards: Although

    they may be included in the Normative References, BE AWARE: withdrawn standards may

    contain obsolete or erroneous information and may be difficult to retrieve."

5. *Web page maintenance*

    No volunteers; Leonard and I may need to continue

    David: Possibly ask the 754 list (action item for next time for Baker; also study Wordpress)

6. *Informal discussion: Proposals for new high-impact projects appropriate for the MSC*?

   Leonard: More active recruiting

   David / Leonard: Modify the P&P to allow members other than WG chairs

   TOM: Timing good to review MSC P&P

   Leonard / Kiran: Bring in FP for machine learning people; co-sponsor some activity, find paths to joint acceptance by ISO, etc.

   Leonard: Hard part is executing the vision, especially recruiting.

   Ashley: More messaging about what we cover and why they should come to us.

7. *Working group Reports*

   a. *P754 Standard for Floating Point Arithmetic* - David Hough

      nothing to report

   b. *P1394 revision Standard for High Performance Serial Bus* - Ashley Butterworth; Thomas Thompson

      Updated document from editorial; people from Apple will review it, then will go to Sponsor Ballot.

   c. *P1722 Layer 2 transport protocol for time sensitive streams* (Dave Olsen):

      (from Ashley) In process of reviewing a number of contributions; is on schedule.

   d. *P1722.1 Device Discovery, Enumeration ...* - Richard Bugg

      Nearly have Draft 9, written vote soon for sending up to Sponsor Ballot. Vote probably this week.

   e. *P1788 - Interval Arithmetic* - Nathalie Revol

      nothing to report

   f. *Power Adapter for Mobile Devices (UPAMD)* - Leonard Tsai

      nothing to report

   g. *P2200 High quality Mobile Experience Working Group* - William Fisher

      (from Tom Thompson): withdrew PAR; no current activity but existing standard active until 2022.

8. *New Business*

   Floating point discussion for machine learning

   Kiran: Talking to management; several FP formats, like 754 but number of digits, etc. changed.

Perhaps uniform set of exceptions. Block exponents from Intel / Microsoft; several others.

Some claim can get better area than 754.

Perhaps start with study group, see if there are people willing to chair.

Action item for Kiran: Propose possible chairs and members in a study group.

9. *Future meeting schedule (via WebEx)*

(Normally at 11:00 New York time, second Tuesday of the quarter)

Tuesday, April 13, 2021, 11:00AM New York time (EDT, GMT -4)

10. *Adjourn*