C Floating Point Study Group Teleconference

April 15, 2020
11:00 AM EDT, 8:00 AM PDT, 3:00 PM UTC

Join from PC, Mac, Linux, iOS or Android: https://iso.zoom.us/j/5486753685
Or iPhone one-tap:
US: +16699006833,,5486753685# or +14086380968,,5486753685#
Or Telephone:
Dial(for higher quality, dial a number based on your current location):
US: +1 669 900 6833 or +1 408 638 0968 or +1 646 876 9923 or 877 853 5247 (Toll Free)
Meeting ID: 548 675 3685
International numbers available: https://iso.zoom.us/u/aoDPAXxqF
Or Skype for Business (Lync):
https://iso.zoom.us/skype/5486753685

Wiki: http://wiki.edg.com/twiki/bin/login/CFP/WebHome

Draft Agenda

Meeting logistics
  Note taker, mail out notes

Introduction of attendees

Approval of agenda

Notes from 2020-03-18 meeting
  Posted on CFP wiki

Carry-over action items
  CFP: Put the tgmath redefinition as a proposal to the standard once we have a base document with TS Part 3 in it.
  David: Look into Jim's duplicated CFP messages. Also some missing messages if the person was in the To list (while CFP was cc'd). David to upgrade mailman.

Action items from 2020-03-18 meeting
  Jim: See if N2478 changes anything for our proposals (which reference n2454).
  Fred: Get a paper number for CFP 1538 and submit it.
  Jim: Get a paper number for the paper referenced in CFP 1516 and submit it.
  Jim: Add in a note to CFP 1526 to say the cast raises no floating-point exceptions.

Study group logistics
  Next meeting dates: Wednesday, May 20?
  ISO Zoom working ok?

C++ liaison
WG 14 Mar-Apr meeting
Report
See [Cfp-interest 1552] Fw: WG14 meeting summary of items of interest to CFP - Filled in missing votes in 8.1  Rajan Bhakta

C2x integration
Latest C2X draft: http://www.open-std.org/jtc1/sc22/wg14/www/docs/n2478.pdf
also as link on CFP wiki
Part 1
Part 2
Part 3
Part 4ab
Part 5abcd
IEEE 754-2019 support

Action item details

CFP: Put the tgmath redefinition as a proposal to the standard once we have a base document with TS Part 3 in it.

David: Look into Jim's duplicated CFP messages. Also some missing messages if the person was in the To list (while CFP was cc'd). David to upgrade mailman.

Jim: See if N2478 changes anything for our proposals (which reference n2454). See [Cfp-interest 1548] AI about newer C draft  Jim Thomas

Fred: Get a paper number for CFP 1538 and submit it. See N2506 2020/03/22 Tydeman, Range errors and math functions

Jim: Get a paper number for the paper referenced in CFP 1516 and submit it. See [Cfp-interest 1549] AI to submit paper about math function properties  Jim Thomas

Jim: Add in a note to CFP 1526 to say the cast raises no floating-point exceptions. See [Cfp-interest 1550] AI to update note about INFINITY and NAN macros and _Float16  Jim Thomas

Other issues

Proposal for short float, floating type extensions for C++ and C.

Others?