

WG14 N2513

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 tgm_{math} 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?