

WG14 N2722

C Floating Point Study Group Teleconference

May 19, 2021

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/93551955306?pwd=SGZqK3l6MmVaWVV1d3VvejZUc1VWdz09>

Password: 174300

Or iPhone one-tap :

US: +16692192599,,93551955306# or +16699006833,,93551955306#

Or Telephone:

Dial(for higher quality, dial a number based on your current location):

US: +1 669 219 2599 or +1 669 900 6833 or +1 213 338 8477 or +1 408 638 0968 or +1 206 337 9723 or +1 253 215 8782 or +1 346 248 7799 or +1 602 753 0140 or +1 720 928 9299 or +1 971 247 1195 or +1 470 250 9358 or +1 470 381 2552 or +1 646 518 9805 or +1 646 876 9923 or +1 651 372 8299 or +1 786 635 1003 or +1 267 831 0333 or +1 301 715 8592 or +1 312 626 6799 or 877 853 5247 (Toll Free) or 888 788 0099 (Toll Free)

Meeting ID: 935 5195 5306

Password: 174300

International numbers available: <https://iso.zoom.us/u/aejUilChlB>

Or Skype for Business (Lync):

<https://iso.zoom.us/skype/93551955306>

CFP 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 2021-04-13 meeting

Posted on CFP wiki

Study group logistics

Next meeting dates: Wednesday, June 16?

Mailman attachments

- [\[Cfp-interest 1996\] attachment guard rails off cfp-interest](#) *David Hough CFP*

C++ liaison

Issues?

C23 integration

Latest C2X drafts:

<http://www.open-std.org/jtc1/sc22/wg14/www/docs/n2596.pdf>

<http://www.open-std.org/jtc1/sc22/wg14/www/docs/n2573.pdf>

<http://www.open-std.org/jtc1/sc22/wg14/www/docs/n2478.pdf>

Part 1

Part 2

Part 3

Part 4ab

Part 5abcd

IEC 60559:2020 support

Carry-over action items

None

Action items from 2021-04-13 meeting

Fred: Submit CFP1963 as a proposal after adding in the positioning of the inserted text.

[N2714](#) 2021/05/09 Tydeman, hypot()

Fred: Create a proposal for default static initialization regarding the default quantum exponent and send it to the email list.

- [\[Cfp-interest 1990\] static init of DFP zeros](#) *Fred J. Tydeman*

Fred: Submit CFP 1967 changing it to only offer option 1 and list a rationale of why we didn't add in the other functions to the list.

[N2715](#) 2021/05/09 Tydeman, cr_ prefix

Jim: Look at the use of the word "normal" in the C standard to ensure the use in range error clarifications is OK.

Jim: Range errors: Issue 1: Instead of "below" in the footnote, use a clause/subclause number.

Jim: Create proposals for range error clarifications.

- [\[Cfp-interest 1997\] Als related to range errors clarifications](#) *Jim Thomas*

Rajan: Check with David Keaton on the timing of bug fix/clarification proposals for C23.

Jim: Propose CFP 1952 with the addition of a title for the second table to WG14.

- [\[Cfp-interest 1998\] AI about IEC 60559 binding](#) *Jim Thomas*
 - [\[Cfp-interest 2000\] Re: AI about IEC 60559 binding](#) *Paul Zimmermann*
 - [\[Cfp-interest 2001\] Re: AI about IEC 60559 binding](#) *Jim Thomas*

Rajan: Talk to Jim to figure out next steps.

Any: CFP1934: Look into adding in that basic math operations (+, -, *, /) should be correctly rounded.

Other issues

Q(NaN) and Q(0*inf)

- [\[Cfp-interest 1991\] DFP: Q\(NAN\) and Q\(0*inf\)](#) *Fred J. Tydeman*

Others?