

**WG14 N2521**

## **C Floating Point Study Group Teleconference**

May 20, 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/97438371339?pwd=OE1LV2V0eFQzU242NzZDNG1XOXN3UT09>

Password: 091214

Or iPhone one-tap :

US: +16699006833,,97438371339# or +14086380968,,97438371339#

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 +1 346 248 7799 or +1 253 215 8782 or +1 301 715 8592 or +1 312 626 6799 or +1 646 876 9923 or 877 853 5247 (Toll Free)

Meeting ID: 974 3837 1339

Password: 091214

International numbers available: <https://iso.zoom.us/u/ac8wiKWjwe>

Or Skype for Business (Lync):

<https://iso.zoom.us/skype/97438371339>

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 2020-04-14 meeting**

Posted on CFP wiki

#### **Carry-over action items**

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 2020-04-15 meeting**

Jim: Add a note to Part 3 as an Annex to mention the redundant decimal suffixes (df, dd, dl vs d32, d64, d128).

Jim: Add a forward reference in X.3 to a new example for the use of encoding conversion in the encoding functions section.

Jim: Need to look into seeing if \_Imaginary types should be added to the list of types for carg, cimag, conj, cproj, creal (p32, line 5 of <http://wiki.edg.com/pub/CFP/WebHome/cfp3x-annex-20200414.pdf>)

## Study group logistics

Next meeting dates: Wednesday, June 17?

## C++ liaison

### 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

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: Add a note to Part 3 as an Annex to mention the redundant decimal suffixes (df, dd, dl vs d32, d64, d128).

Jim: Add a forward reference in X.3 to a new example for the use of encoding conversion in the encoding functions section.

Jim: Need to look into seeing if `_Imaginary` types should be added to the list of types for `carg`, `cimag`, `conj`, `cproj`, `creal` (p32, line 5 of <http://wiki.edg.com/pub/CFP/WebHome/cfp3x-annex-20200414.pdf>)

See [\[Cfp-interest 1569\] Re: TS3-as-annex](#) *Jim Thomas*

### Other issues

Review revised TS3-as-annex, including

ISSUE 1: Support for conversions from binary types and formats to decimal non-arithmetic formats

ISSUE 2: Support for conversions from extended types to decimal non-arithmetic formats

Distributed detailed review

See <http://wiki.edg.com/pub/CFP/WebHome/cfp3-annex-20200506.pdf>

C2X Annex B for math identifiers

See [\[Cfp-interest 1572\] C2X Annex B for <math.h>](#) *Jim Thomas*