

WG14 N3129

CFP meeting

Wednesday, June 7, 2023

8 AM PDT / 11 AM EDT / 3 PM UTC

Join from PC, Mac, Linux, iOS or Android:

<https://iso.zoom.us/j/96174553147?pwd=S2w1Z01FL1JRrejFNUWQvbjNTNXIFZz09>

Password: 071182

Or iPhone one-tap :

US: +14086380968,,96174553147# or +16692192599,,96174553147#

Or Telephone:

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

US: +1 408 638 0968 or +1 669 219 2599 or +1 669 900 6833 or +1 213 338 8477 or +1 971 247 1195 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 +1 312 626 6799 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 888 788 0099 (Toll Free) or 877 853 5247 (Toll Free)

Meeting ID: 961 7455 3147

Password: 071182

International numbers available: <https://iso.zoom.us/u/adQBtsEc7p>

Or Skype for Business (Lync):

<https://iso.zoom.us/skype/96174553147>

Draft Agenda

Meeting logistics

Note taker, mail out notes

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

Introduction of attendees

Approval of agenda

NOTE: The primary agenda item for this meeting is review of NB comments for CD2.

Study group logistics

Next CFP meeting date: July 5?

Notes from 2023-05-10 meeting

- [\[Cfp-interest 2754\] WG14 IEEE 754-C binding meeting minutes - 2023/05/10](#) *Rajan Bhakta*

Posted on CFP wiki

C++ liaison

C23 integration

C23 drafts:

[C23 CD2 - April 1, 2023](#)

[C2X working draft n3096 - April 1, 2023](#) 

[CD](#)

<http://www.open-std.org/jtc1/sc22/wg14/www/docs/n3054.pdf>

<http://www.open-std.org/jtc1/sc22/wg14/www/docs/n3047.pdf>

<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>

Carry-over action items

David H: Get an example for the scaled reduction functions (perhaps by asking Jason or Jim or looking into the IEEE references).

<https://754r.ucbtest.org/background/traps-and-wraps.txt>

David H: Get an example for the augmented arithmetic functions (perhaps by asking Jason or Jim or looking into the IEEE references).

CD2 related action items from 2023-02-28 meeting

Jim: Comments for CD2: Item 8: Change "unsigned and unsigned zeros" -> "unsigned zeros and"

Jim: CD2 comment for float_t/double_t re floating type vs real floating type: Add "If the types are not real floating types, the behavior is implementation-defined."

Damian: Rework the carg description to say phase instead of phase angle using the spreadsheet form.

- [\[Cfp-interest 2734\] Definition of the 'carg' function](#) Damian McGuckin
 - [\[Cfp-interest 2740\] Re: Definition of the 'carg' function](#) David Hough CFP
 - [\[Cfp-interest 2741\] Re: Definition of the 'carg' function](#) Damian McGuckin
 - [\[Cfp-interest 2742\] Re: Definition of the 'carg' function](#) Damian McGuckin

Action items from 2023-05-10 meeting

All: TS part 3: Consider what to do for issue 3 (which headers contain which pragmas) as per the spreadsheet (current vs alternative 1).

- [\[Cfp-interest 2755\] pragma spreadsheet](#) *Jim Thomas*

Rajan: In the next WG14 meeting, ask about when to bring up TS-4 and TS-5 for revision.

Other issues

CD2 related issues

- [\[Cfp-interest 2744\] Re: comparison macros and exceptions due to conversion to the semantic type](#) Vincent Lefevre
- [\[Cfp-interest 2745\] Re: double-double OP float128_t](#) Vincent Lefevre
- [\[Cfp-interest 2746\] {FLT, DBL, LDBL} IS_IEC_60559 macros: clarification needed](#) Vincent Lefevre
- [\[Cfp-interest 2747\] about FLT_TRUE_MIN and DBL_TRUE_MIN in 5.2.4.2.2p29 example](#) Vincent Lefevre
 - [\[Cfp-interest 2750\] Re: about FLT_TRUE_MIN and DBL_TRUE_MIN in 5.2.4.2.2p29 example](#) Vincent Lefevre

- [\[Cfp-interest 2748\] macros like DBL_MAX and FLT_EVAL_METHOD](#) Vincent Lefevre
 - [\[Cfp-interest 2749\] Re: macros like DBL_MAX and FLT_EVAL_METHOD](#) Vincent Lefevre

Review NB comments for CD2

Review TS part 4 revision

- [\[Cfp-interest 2710\] Re: post-C23 update for TS 18661-4](#) *Jim Thomas*

Review TS part 5 revision

- [\[Cfp-interest 2753\] TS 18661-5 revision 20230507](#) *Jim Thomas*