

**WG14 N3209**

## **CFP meeting**

**Wednesday, January 10, 2024**

**8 AM PST / 11 AM EST / 4 PM UTC**

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

<https://iso.zoom.us/j/97378514138?pwd=aHViUk8ybHZCTmx2ekhac2U2cU9ZUT09>

Password: 135321

Or iPhone one-tap :

US: +16692192599,,97378514138# or +16699006833,,97378514138#

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 +1 720 928 9299 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 +1 651 372 8299 or +1 786 635 1003 or +1 267 831 0333 or +1 301 715 8592 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 877 853 5247 (Toll Free) or 888 788 0099 (Toll Free)

Meeting ID: 973 7851 4138

Password: 135321

International numbers available: <https://iso.zoom.us/u/acvdSv8oMI>

Or Skype for Business (Lync):

<https://iso.zoom.us/skype/97378514138>

## **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**

### **Study group logistics**

Next CFP meeting date: February 7?

CFP wiki upgrade. Anyone having problems?

### **Notes from 2023-10-04 meeting**

- [\[Cfp-interest 2954\] WG14 IEEE 754-C binding meeting minutes - 2023/11/08](#) *Rajan Bhakta*

Posted on CFP wiki

### **C++ liaison**

## C23 integration

C23 drafts:

C2X working draft n3149 - July 2, 2023 - For CFP review only. Do not distribute.

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>

Status

- [\[Cfp-interest 2968\] Fwd: \[SC22WG14.23987\] DIS 9899 passed](#) *Jim Thomas*

DIS review comments

[N3191](#) 2023/12/10 Seacord, DIS 9899 ballot comments

## Carry over action items

Fred: C26B Issue 1, nowhere else in the C standard are pole errors listed as a "shall", just as "may". This could be a problem for the proposed change.

Fred: C26B Issue 2, the problem may not be an issue as it seems to be clear what is the expected result.

Fred: C26B Issue 6, consider explicit definitions instead of implicit references.

Fred: C26B Issue 8, hyphenate floating-point.

Fred: C26B Issue 13, mention "long double" in the issue text. Ex. "Annex F and long double including double-double needs to be clarified."

- [\[Cfp-interest 2955\] C2y issues list updated](#) *Fred J. Tydeman*

## Action items from previous meeting

Fred: Fix Issue 2 in C26B "reported by" text to be in the correct column.

Fred: Add CFP2904 as a reference for C26B issue 12.

Fred: Add CFP2905 as a reference for C26B issue 14.

Fred: Add CFP2913 and CFP2918 to the C26B list.

Fred: Add CFP2947 as a new issue to the C26B list.

Fred: Add CFP2888 and follow ons to the C26B list.

- [\[Cfp-interest 2955\] C2y issues list updated](#) *Fred J. Tydeman*

Jim: Part 4: Add a footnote anchored on something that says "For an example of emulating augmented arithmetic, see <paper on augmented arithmetic emulation from CFP2949>" and add it to the bibliography in part 4.

- [\[Cfp-interest 2957\] footnote about emulation of augmented arithmetic functions](#) *Jim Thomas*

Jim: Add a footnote to Part 4, Clause 6 when it describes dN for  $N \neq 32, 64, 128$  to say  $N = 32, 64, 128$  are covered due to them being 60559 types and covered in Annex F.

- [\[Cfp-interest 2958\] footnote to clarify WANT macro requirement for decimal types](#) *Jim Thomas*
  - [\[Cfp-interest 2961\] Re: footnote to clarify WANT macro requirement for decimal types](#) *Fred J. Tydeman*
    - [\[Cfp-interest 2964\] Re: footnote to clarify WANT macro requirement for decimal types](#) *Jim Thomas*

Fred: Review the bibliography in part 4.

Fred: Review the bibliography in part 5.

- [\[Cfp-interest 2962\] Re: WG14 IEEE 754-C binding meeting minutes - 2023/11/08](#) *Fred J. Tydeman*
  - [\[Cfp-interest 2963\] Re: WG14 IEEE 754-C binding meeting minutes - 2023/11/08](#) *Jim Thomas*

Jim: Part 4: Add a subclause to 5 (perhaps 5.4) for reserving prefixes, possibly referring to C 7.33.

- [\[Cfp-interest 2959\] reserving indentifiers](#) *Jim Thomas*

Rajan: Send a note to JeanHeyd and cc Aaron to give CFP's recommendation for fixing the typo in H.2.1: Use "binary digits (bits)" for the first table second row, and "decimal digits" for the second table, second row.

Status

## TS-4 and TS-5 revisions

- [\[Cfp-interest 2956\] reserved prefix for augmented arithmetic functions](#) *Jim Thomas*
  - [\[Cfp-interest 2960\] Re: reserved prefix for augmented arithmetic functions](#) *Damian McGuckin*
- [\[Cfp-interest 2965\] TS-4 and TS-5 drafts 2023-11-13](#) *Jim Thomas*

## C26 issues

## Other issues

IEEE-754 2029