WG14 N3236

CFP meeting

Wednesday, April 10, 2024
8 AM PDT / 11 AM EDT / 3 PM UTC

Join from PC, Mac, Linux, iOS or Android:
https://iso.zoom.us/j/7166085918?pwd=OUFTaUZZVnAwMUdBZFhyOUgwbEh0QT09
Password: 860306

Or iPhone one-tap :
US: +16692192599,,7166085918# or +16699006833,,7166085918#

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: 716 608 5918
Password: 860306
International numbers available: https://iso.zoom.us/u/abzKJEqCTS

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: May 22?

Notes from 2024-03-13 meeting

- [Cfp-interest 3041] WG14 IEEE 754-C binding meeting minutes - 2024/03/13 - Corrected *Rajan Bhakta*

Posted on CFP wiki

IEEE 754 liaison

C++ liaison

C23 integration

C23 drafts:

C23 working draft n3219 – Preliminary DIS Ballot Draft - For CFP review only. Do not distribute.
C23 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

Preliminary DIS Ballot Draft review

- [Cfp-interest 3038] FW: C23 Editorial Review *Rajan Bhakta*

Carry over action items

None

Action items from previous meeting

Rajan: Send the WG14 editorial comments from CFP to CFP.

- [Cfp-interest 3038] FW: C23 Editorial Review *Rajan Bhakta*

Rajan: For C2Y issue 5, reword H.3.6 and 5.2.5.3.2#28 to "If a signaling NaN macro (optionally preceded by the unary + or - operator) is used for initializing an object of the same type that has static or thread storage duration, the object is initialized with a signaling NaN value."

- [Cfp-interest 3042] Action item for Rajan: C26 issue 5 *Rajan Bhakta*
    - [Cfp-interest 3045] Action item for Rajan: C26 issue 5 version 2 *Rajan Bhakta*

Jim: Fix the suggested changes section in CFP3020's paper to point to N3219 (instead of the incorrect N3619 as it currently is) and send it out to WG14.
N3233 2024/03/21 Thomas, Proposal for C2Y -- Recommendation for printf rounding

Jim: Submit the paper resolving C2Y Issue 17 (CFP3022) to WG14.
N3232 2024/03/21 Thomas, Proposal for C2Y -- Round-trip rounding

Jim/Jerome/Damian: Follow up on C26 issue 1.

Fred: Add CFP3003 to the issues list.
Fred: Add CFP3007 to the C26 issues list.

- [Cfp-interest 3062] C26d.htm *Fred J. Tydeman*

Jim: Draft up changes to incorporate CFP3006.

- [Cfp-interest 3058] problematic use of correctly rounded *Jim Thomas*

Damian: Get a list of editorial issues in Annex G and send them out for future submission to WG14.

TS-4 and TS-5 revisions

- [Cfp-interest 3015] Re: TSes for ISO ballot *Jim Thomas*

Status

C26 issues

Issues list
https://wiki.edg.com/pub/CFP/WebHome/C26C.HTM
- [Cfp-interest 2992] Re: action item about C26 issues *Jim Thomas*

https://wiki.edg.com/pub/CFP/WebHome/c26d.htm

Issue 1 – terms and definitions for math errors
- [Cfp-interest 2994] about C26 Issue 1 *Jim Thomas*
  - [Cfp-interest 2996] Re: about C26 Issue 1 *Jim Thomas*
- [Cfp-interest 3016] Re: about C26 Issue 1 *Jerome Coonen*
- [Cfp-interest 3043] Kahan's paper regarding pow(0,0) *Jerome Coonen*
  - [Cfp-interest 3044] Re: Kahan's paper regarding pow(0,0) *Damian McGuckin*

Imaginary types

N3206 2023/12/15 Gustedt, The future of imaginary types
[SC22WG14.24429] N3206 imaginary types *Joseph S. Myers*
[SC22WG14.24431] N3206 imaginary types *Joseph S. Myers*
[SC22WG14.24432] N3206 imaginary types *Martin Uecker*
[SC22WG14.24434] N3206 imaginary types *Jens Gustedt*
[SC22WG14.24435] N3206 imaginary types *Joseph S. Myers*
[SC22WG14.24436] N3206 imaginary types *Jens Gustedt*
- [Cfp-interest 2979] background regarding complex and imaginary types *Jim Thomas*
  - [Cfp-interest 2980] Re: background regarding complex and imaginary types *Damian McGuckin*
    - [Cfp-interest 2981] Re: background regarding complex and imaginary types *Jim Thomas*
    - [Cfp-interest 2983] Re: [SC22WG14.24550] background regarding complex and imaginary types *Jens Gustedt*
      - [Cfp-interest 2984] Re: [SC22WG14.24550] background regarding complex and imaginary types *Damian McGuckin*
    - [Cfp-interest 2982] Re: [SC22WG14.24554] background regarding complex and imaginary types *Alex Celeste*

Annex G
- [Cfp-interest 2997] Annex G *Jim Thomas*
  - [Cfp-interest 2998] Re: Annex G *Damian McGuckin*
- [Cfp-interest 3053] csinh(x + i y) - G.6.3.5 - 5th bullet point of special cases *Damian McGuckin*
  - [Cfp-interest 3057] Re: csinh(x + i y) - G.6.3.5 - 5th bullet point of special cases *Damian McGuckin*

Meaning of 0 < x < infinity
- [Cfp-interest 3046] What words mean 0 < x < INFINITY *Damian McGuckin*
  - [Cfp-interest 3047] Re: What words mean 0 < x < INFINITY *Fred J. Tydeman*
    - [Cfp-interest 3048] Re: What words mean 0 < x < INFINITY *Damian McGuckin*
      - [Cfp-interest 3049] Re: What words mean 0 < x < INFINITY *Jerome Coonen*
      - [Cfp-interest 3050] Re: What words mean 0 < x < INFINITY *Damian McGuckin*
      - [Cfp-interest 3051] Re: What words mean 0 < x < INFINITY *Damian McGuckin*
      - [Cfp-interest 3052] Re: What words mean 0 < x < INFINITY *Jerome Coonen*

        - [Cfp-interest 3054] Re: What words mean 0 < x < INFINITY *Damian McGuckin*
- [Cfp-interest 3056] Finite x != 0 *Damian McGuckin*

Annex G complex functions

- [Cfp-interest 3018] Re: Annex G *Damian McGuckin*
- [Cfp-interest 3019] Appendix G6.4.2 *Damian McGuckin*
    - [Cfp-interest 3021] Re: Appendix G6.4.2 *Damian McGuckin*
- [Cfp-interest 3032] clog(INFINITY + i y) *Damian McGuckin*
    - [Cfp-interest 3034] Re: clog(INFINITY + i y) *Jim Thomas*
        - [Cfp-interest 3035] Re: clog(INFINITY + i y) *Damian McGuckin*
        - [Cfp-interest 3037] Re: clog(INFINITY + i y) *Damian McGuckin*
- [Cfp-interest 3053] csinh(x + i y) - G.6.3.5 - 5th bullet point of special cases *Damian McGuckin*
    - [Cfp-interest 3057] Re: csinh(x + i y) - G.6.3.5 - 5th bullet point of special cases *Damian McGuckin*
- [Cfp-interest 3055] casinh(x + iNaN) - Annex G.6.3.2 *Damian McGuckin*

Wording

- [Cfp-interest 3059] Annex F of N3219.pdf *Damian McGuckin*
    - [Cfp-interest 3060] Re: Annex F of N3219.pdf - F10.4.8 *Damian McGuckin*
        - [Cfp-interest 3061] Re: Annex F of N3219.pdf - F10.3 *Damian McGuckin*

Others?

Other issues