

WG14 N3730

CFP meeting

Wednesday, October 29, 2025

8 AM PDT / 3 PM UTC

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

<https://iso.zoom.us/j/91702096328?pwd=410IT2kreb1IUzAQBfyBGEVQfekHmV.1>

Password: 961052

Or iPhone one-tap :

US: +19712471195,,91702096328# or +16699006833,,91702096328#

Or Telephone:

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

US: +1 971 247 1195 or +1 669 900 6833 or +1 720 928 9299 or +1 206 337 9723 or +1 213 338 8477 or +1 253 215 8782 or +1 346 248 7799 or +1 408 638 0968 or +1 602 753 0140 or +1 669 219 2599 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: 917 0209 6328

Password: 961052

International numbers available: <https://iso.zoom.us/j/91702096328?pwd=410IT2kreb1IUzAQBfyBGEVQfekHmV.1>

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 dates:

November 12th?

Notes from previous meeting

- [\[cfp-interest 3660\] JTC1/SC22/WG14/CFP 2025/10/15 Meeting notes](#) *Jerome Coonen*

TS-4 and TS-5 revisions

- <https://www.iso.org/standard/83622.html>
- <https://www.iso.org/standard/83623.html>

C Documents

C2y drafts:

[N3685](#) 2025/09/28 Meneide, Working Draft, Post-Brno 2025
[N3550](#) 2025/05/04 Meneide, Working Draft (Post Graz 2025)
[N3467](#) 2025/02/09 Meneide, Working Draft (Pre-Graz)
[N3435](#) 2025/01/03 Meneide, C2y Working Draft
[N3301](#) 2024/07/28 Meneide, Working Draft C2y Post-June 2024
[N3299](#) 2024/07/28 Meneide, Working Draft C2y Post C23-Publication
[N3220](#) 2024/02/22 Meneide & Wiedijk, Working Draft, C2y

C23 drafts:

<https://webstore.iec.ch/en/publication/102886>
[N3219](#) 2024/02/22 Meneide & Wiedijk, ISO/IEC 9899:2023 DIS Draft
C23 working draft n3149 - July 2, 2023 - For CFP review only. Do not distribute.

WG 14 matters

IEEE 754 liaison

C++ liaison

News

Carry over action items

Jim & Jerome: Look further into the language around when errors "occur" in the sense of C2Y and how the setting of errno fits in. Draft a proposal, if appropriate.

Action items from previous meeting

Rajan: Submit the proposal regarding translation time expression evaluation.

Jim: Submit the proposal regarding output bounds for math functions.

Jim: Draft a proposal for the language of quantum exponent in nextafterdN.

Damian: Draft Annex F change proposal in two flavors, with modifiers and with double-ended bounds.

Jerome: Follow up on 3618 to see whether snan issues apply to more than signbit, and what to do about it.

Jim: Write a note about the locution of "result" vs. "result value" vs. "return value" in some problematical functions where the language is not best today.

Jim: Add strtodN to list of low-priority issues.

Discussion of issues

Preferred quantum exponent for nextafterdN

F.3 #7 quiet/signaling NaNs

- [\[cftp-interest 3608\] Quiet/Signaling NaNs](#) *Damian McGuckin*
 - [\[cftp-interest 3618\] Re: Quiet/Signaling NaNs](#) *Jim Thomas*

- [\[cfp-interest 3619\] Re: Quiet/Signaling NaNs](#) *Damian McGuckin*

Overflow, non-default rounding, errno

- [\[cfp-interest 3559\] Re: Overflow, non-default rounding, errno is what?](#) *Jim Thomas*

Annex F changes discussion paper

- [\[cfp-interest 3668\] Changes to Annex F](#) *Damian McGuckin*

Rounding modes, terminology

- [\[cfp-interest 3665\] Re: Annex F Changes Discussion Paper](#) *Damian McGuckin*

hypot(x, y) - C2Y F.10.5.4

- [\[cfp-interest 3503\] hypot\(x, y\) - C2Y F.10.5.4](#) *Damian McGuckin*
 - [\[cfp-interest 3504\] Re: hypot\(x, y\) - C2Y F.10.5.4](#) *Damian McGuckin*
 - [\[cfp-interest 3507\] Re: hypot\(x, y\) - C2Y F.10.5.4](#) *Paul Zimmermann*
 - [\[cfp-interest 3505\] Re: hypot\(x, y\) - C2Y F.10.5.4](#) *Vincent Lefevre*
 - [\[cfp-interest 3510\] Re: hypot\(x, y\) - C2Y F.10.5.4](#) *Damian McGuckin*
 - [\[cfp-interest 3511\] Re: hypot\(x, y\) - C2Y F.10.5.4](#) *Damian McGuckin*
 - [\[cfp-interest 3511\] Re: hypot\(x, y\) - C2Y F.10.5.4](#) *Damian McGuckin*

Occurs vs shall occur for math errors

- [\[cfp-interest 3635\] occurs vs shall occur](#) *Fred J. Tydeman*
 - [\[cfp-interest 3636\] Re: occurs vs shall occur](#) *Vincent Lefevre*

"result" vs. "result value" vs. "return value"

SNAN macro location change

- [\[cfp-interest 3644\] SNAN* in math.h](#) *Fred J. Tydeman*
 - [\[cfp-interest 3645\] Re: SNAN* in math.h](#) *Jim Thomas*
 - [\[cfp-interest 3647\] Re: SNAN* in math.h](#) *Fred J. Tydeman*
 - [\[cfp-interest 3651\] Re: SNAN* in math.h](#) *Jim Thomas*
 - [\[cfp-interest 3652\] Re: SNAN* in math.h](#) *Paul Zimmermann*

hypot(x, NAN) in Annex F

- [\[cfp-interest 3490\] hypot\(x, NAN\) in Annex F](#) *Damian McGuckin*
 - [\[cfp-interest 3496\] Re: hypot\(x, NAN\) in Annex F](#) *Vincent Lefevre*

F.10.1#14 editorial issue

- [\[cfp-interest 3495\] C2Y - F.10.1#14](#) *Damian McGuckin*

canonicalize() in AnnexF - F.10.9.7

- [\[cfp-interest 3491\] C2Y's canonicalise\(\) in AnnexF - F.10.9.7](#) *Damian McGuckin*
 - [\[cfp-interest 3492\] Re: C2Y's canonicalise\(\) in AnnexF - F.10.9.7](#) *Damian McGuckin*
 - [\[cfp-interest 3653\] Re: C2Y's canonicalise\(\) in AnnexF - F.10.9.7](#) *Jim Thomas*
 - [\[cfp-interest 3654\] Re: C2Y's canonicalise\(\) in AnnexF - F.10.9.7](#) *Damian McGuckin*
 - [\[cfp-interest 3656\] Re: C2Y's canonicalise\(\) in AnnexF - F.10.9.7](#) *Jim Thomas*
 - [\[cfp-interest 3657\] Re: C2Y's canonicalise\(\) in AnnexF - F.10.9.7](#) *Damian McGuckin*

Consistency in paragraphs using NaNs

- [\[cfp-interest 3625\] Consistency in paragraphs using NaNs](#) *Damian McGuckin*

Preferred Style in Annex F - fromfp/fromfpx or nearbyint/rint

- [\[cfp-interest 3499\] C2Y - Preferred Style in Annex F - fromfp/fromfpx or nearbyint/rint](#) *Damian McGuckin*

Sign of NaN not interpreted

- [\[cfp-interest 3661\] ISO 60559 6.3 and C2Y F3.3#7](#) *Damian McGuckin*
 - [\[cfp-interest 3662\] Re: ISO 60559 6.3 and C2Y F3.3#7](#) *Fred J. Tydeman*
 - [\[cfp-interest 3664\] Re: ISO 60559 6.3 and C2Y F3.3#7](#) *Damian McGuckin*

Editorial issues with F.3#6

- [\[cfp-interest 3667\] Confusingly long sentence in F.3#6](#) *Damian McGuckin*
 - [\[cfp-interest 3669\] Re: Confusingly long sentence in F.3#6](#) *Damian McGuckin*
 - [\[cfp-interest 3670\] Re: Confusingly long sentence in F.3#6](#) *Damian McGuckin*
 - [\[cfp-interest 3671\] Re: Confusingly long sentence in F.3#6](#) *Fred J. Tydeman*
 - [\[cfp-interest 3672\] Re: Confusingly long sentence in F.3#6](#) *Damian McGuckin*
 - [\[cfp-interest 3673\] Re: Confusingly long sentence in F.3#6](#) *Jim Thomas*
 - [\[cfp-interest 3674\] Re: Confusingly long sentence in F.3#6](#) *Damian McGuckin*