

WG14 N3736

CFP meeting

Wednesday, November 12, 2025

8 AM PST / 4 PM UTC

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

<https://iso.zoom.us/j/95965670143?pwd=6BtFdawbnEyoI9Nw93axkFW365zKb.1>

Password: 578565

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 +1 720 928 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 +1 669 900 6833 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 +1 651 372 8299 or 888 788 0099 (Toll Free) or 877 853 5247 (Toll Free)

Meeting ID: 959 6567 0143

Password: 578565

International numbers available: <https://iso.zoom.us/j/abkNIWcaOd>

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:

January 14th?

Notes from previous meeting

- [\[cfp-interest 3690\] JTC1/SC22/WG14/CFP 2025/10/29 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

Jerome: Follow up on cfp3618 to see whether snan issues apply to more than signbit, and what to do about it.

Action items from previous meeting

Jim: Amend the nextafterd proposal with language about the breaking-implementations issue, share with CFP, and then submit if there's no objection.

- [\[cfp-interest 3694\] Action followup on nextafterdN proposal](#) *Jim Thomas*

Jerome & Jim: Submit proposal about error handling and errno.

Damian: Update paper on Annex F, based on long (converging) discussion of the several alternatives, plus the specific discussions of atan2, frexp, ilogb, hypot, compoundn, etc.

- [\[cfp-interest 3691\] Re: Changes to Annex F](#) *Damian McGuckin*
 - [\[cfp-interest 3692\] Re: Changes to Annex F](#) *Damian McGuckin*

Group: Review Damian's coming Annex F changes and study pow and others which weren't covered in the meeting, for lack of time.

- [\[cfp-interest 3691\] Re: Changes to Annex F](#) *Damian McGuckin*
 - [\[cfp-interest 3692\] Re: Changes to Annex F](#) *Damian McGuckin*

Damian: Clean up 3.14 "correctly rounded result" and research any other usage of that or similar language.

Jim: Draft change to references to rounding precision mode. Circulate to new ad hoc rounding precision mode subcommittee: David, Damian, Jerome, Jim.

- [\[cfp-interest 3710\] Action about references to rounding precision mode, etc.](#) *Jim Thomas*

Discussion of issues

sNaN issues, signbit

Conflicting definitions of double_t

- [\[cfp-interest 3695\] Fwd: \[SC22WG14.34201\] FLT_EVAL_METHOD, double_t and Annex H](#) *Jim Thomas*

Sign of zero from fromfp functions

- [\[cfp-interest 3712\] Re: \[SC22WG14.34253\] Sign of zero from fromfp functions](#) *Jim Thomas*

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

- [\[cfp-interest 3680\] "function value" and "result"](#) *Jim Thomas*
 - [\[cfp-interest 3681\] Re: "function value" and "result"](#) *Damian McGuckin*
 - [\[cfp-interest 3682\] Re: "function value" and "result"](#) *Damian McGuckin*
 - [\[cfp-interest 3683\] Re: "function value" and "result"](#) *Jim Thomas*
 - [\[cfp-interest 3684\] Re: "function value" and "result"](#) *Damian McGuckin*

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*

strtodN issue

- [\[cfp-interest 3688\] Re: strtodN](#) *Jim Thomas*

Rounding precision mode, Annex F floating-point environment

- [\[cfp-interest 3710\] Action about references to rounding precision mode, etc.](#) *Jim Thomas*

Annex F special cases

- [\[cfp-interest 3691\] Re: Changes to Annex F](#) *Damian McGuckin*
 - [\[cfp-interest 3702\] Comments on proposal for Annex F special cases](#) *Jim Thomas*
 - [\[cfp-interest 3703\] Re: Comments on proposal for Annex F special cases](#) *Damian McGuckin*
 - [\[cfp-interest 3705\] Re: Comments on proposal for Annex F special cases](#) *Damian McGuckin*
 - [\[cfp-interest 3704\] Re: Comments on proposal for Annex F special cases](#) *Damian McGuckin*
 - [\[cfp-interest 3707\] Re: Comments on proposal for Annex F special cases](#) *Jim Thomas*

Rounding modes, terminology

- [\[cfp-interest 3691\] Re: Changes to Annex F](#) *Damian McGuckin*

Editorial issues F.2.2

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

Editorial issues F.3, etc.

- [\[cfp-interest 3668\] Changes to Annex F](#) *Damian McGuckin*
- [\[cfp-interest 3692\] Re: Changes to Annex F](#) *Damian McGuckin*

Editorial issues F.10.1

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

More Annex F special cases

- [\[cfp-interest 3689\] pow\(x,1\)](#) *Fred J. Tydeman*
- [\[cfp-interest 3699\] compoundn\(0,n\)](#) *Fred J. Tydeman*
- [\[cfp-interest 3700\] Re: compoundn\(0,n\)](#) *Damian McGuckin*
 - [\[cfp-interest 3701\] Re: compoundn\(0,n\)](#) *Mike Cowlshaw*
 - [\[cfp-interest 3706\] Re: compoundn\(0,n\)](#) *Jim Thomas*
 - [\[cfp-interest 3708\] Re: compoundn\(0,n\)](#) *Fred J. Tydeman*
 - [\[cfp-interest 3709\] Re: compoundn\(0,n\)](#) *Damian McGuckin*
 - [\[cfp-interest 3711\] Re: compoundn\(0,n\)](#) *Jim Thomas*