

WG14 N3698

CFP meeting

Wednesday, September 17, 2025

8 AM PDT / 3 PM UTC

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

<https://iso.zoom.us/j/98367588060?pwd=DcemlwssehTrU6Grbc8FiTqy0m7qa.1>

Password: 820680

Or iPhone one-tap :

US: +19712471195,,98367588060# or +13462487799,,98367588060#

Or Telephone:

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

+1 971 247 1195 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 +1 720 928 9299 or +1 206 337 9723 or +1 213 338 8477 or +1 253 215 8782 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: 983 6758 8060

Password: 820680

International numbers available: <https://iso.zoom.us/j/adF8vxN7BV>

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: October 15th?

Extra catch-up meeting?

Notes from previous meeting

- [\[cfp-interest 3563\] JTC1/SC22/WG14/CFP 2025/08/13 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:

- [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

- [\[cfp-interest 3572\] WG14 meeting 2025/08 Question for CFP](#) *RAJAN BHAKTA*
- [\[cfp-interest 3577\] WG14 20250824 Meeting summary](#) *RAJAN BHAKTA*

IEEE 754 liaison

C++ liaison

News

- [\[cfp-interest 3571\] Intel 8087 Milestone Plaque Dedication](#) *Jerome Coonen*
- [\[cfp-interest 3575\] Accuracy of Mathematical Functions](#) *Paul Zimmermann*
- [\[cfp-interest 3585\] name of bfloat16 functions](#) *Paul Zimmermann*

Carry over action items

Rajan: Monitor the new WG14 issue tracker re. TS 18661-4, the domain and range error issue, to see the level of interest in making this small fix.

Action items from previous meeting

Jim: Submit pragma proposal.

Jim: Submit preferred quantum exponent proposal.

Jerome & Jim: Re. the "exp" fix proposal, note the italic face, get a doc number, and submit.

Jim: Write note for Rajan to bring up for WG14 re. removing imaginary I.

- [\[cfp-interest 3584\] Fwd: Issues with N3537](#) *Jim Thomas*

Rajan: Call both TOWARDS and missing quotes issues to JeanHeyd's attention.

Damian: In the Annex F syntax discussion, revert to prior wording of stored function results. Clarify a bit of the introductory discussion, too.

- [\[cfp-interest 3573\] Re: Annex F Changes Discussion Paper](#) *Damian McGuckin*

Damian: Re. "integer n" proposal, revisit the algebraic versus integer type uses of "n", and adjust the proposal accordingly.

- [\[cfp-interest 3573\] Re: Annex F Changes Discussion Paper](#) *Damian McGuckin*

Discussion of issues

Floating expression evaluated in the translation environment

- [\[cfp-interest 3572\] WG14 meeting 2025/08 Question for CFP](#) *RAJAN BHAKTA*

Removing imaginary I

- [N3581](#) 2025/07/01 Celeste, Remove the imaginary I, v2
- [\[cfp-interest 3584\] Fwd: Issues with N3537](#) *Jim Thomas*

TOWARDS and missing quotes issues

- [SC22WG1414.32729] FE_TOWARDSZERO in C23 standard, *Pascal Cuoq*
- [\[cfp-interest 3475\] Missing quotes in C standard - 6.4.5.3#13](#) *Damian McGuckin*

Output bounds for math functions

- [\[cfp-interest 3549\] Re: C23 possible defect: output bounds of imprecise math functions](#) *Jim Thomas*
 - [\[cfp-interest 3551\] Re: C23 possible defect: output bounds of imprecise math functions](#) *Paul Zimmermann*
 - [\[cfp-interest 3560\] Re: C23 possible defect: output bounds of imprecise math functions](#) *Jim Thomas*
 - [\[cfp-interest 3561\] Re: C23 possible defect: output bounds of imprecise math functions](#) *Jim Thomas*
 - [\[cfp-interest 3564\] Re: C23 possible defect: output bounds of imprecise math functions](#) *Jim Thomas*
 - [\[cfp-interest 3565\] Re: C23 possible defect: output bounds of imprecise math functions](#) *Fred J. Tydeman*

Overflow, non-default rounding, errno

- [\[cfp-interest 3555\] Overflow, non-default rounding, errno is what?](#) *Fred J. Tydeman*
 - [\[cfp-interest 3556\] Re: Overflow, non-default rounding, errno is what?](#) *Vincent Lefevre*
 - [\[cfp-interest 3559\] Re: Overflow, non-default rounding, errno is what?](#) *Jim Thomas*

Annex F - syntax for function special cases

- [\[cfp-interest 3573\] Re: Annex F Changes Discussion Paper](#) *Damian McGuckin*

Annex F - integer 'n'

- [\[cfp-interest 3573\] Re: Annex F Changes Discussion Paper](#) *Damian McGuckin*

Annex F – Special case domains, signaling NaNs

- [\[cfp-interest 3573\] Re: Annex F Changes Discussion Paper](#) *Damian McGuckin*

Special cases of cpow

- [\[cfp-interest 3570\] Re: \[Cfp-interest 3332\] special cases of cpow](#) *Paul Zimmermann*

Preferred quantum exponent for nextafterdN

- [\[cfp-interest 3579\] nextafterd32\(\) issue](#) *Fred J. Tydeman*
- [\[cfp-interest 3582\] Re: nextafterd32\(\) issue](#) *Jim Thomas*

Rounding Direction Mode or Rounding Direction or Rounding Mode

- [\[cfp-interest 3484\] Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *Damian McGuckin*
 - [\[cfp-interest 3485\] Re: Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *Damian McGuckin*
 - [\[cfp-interest 3508\] Re: Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *Vincent Lefevre*
 - [\[cfp-interest 3509\] Re: Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *Damian McGuckin*
 - [\[cfp-interest 3516\] Re: Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *David Hough CFP*
 - [\[cfp-interest 3517\] Re: Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *Damian McGuckin*
 - [\[cfp-interest 3519\] Re: Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *Jim Thomas*
 - [\[cfp-interest 3521\] Re: Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *Damian McGuckin*
 - [\[cfp-interest 3523\] Re: Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *Jerome Coonen*
 - [\[cfp-interest 3524\] Re: Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *Damian McGuckin*
 - [\[cfp-interest 3525\] Re: Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *Jerome Coonen*
 - [\[cfp-interest 3527\] Re: Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *Damian McGuckin*
 - [\[cfp-interest 3528\] Re: Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *Damian McGuckin*
 - [\[cfp-interest 3529\] Re: Rounding Direction Mode or Rounding Direction or Rounding Mode](#) *Damian McGuckin*

F10.1#14

- [\[cfp-interest 3495\] C2Y - F10.1#14](#) *Damian McGuckin*

F.10.9.1 - nextafter(x, y)

- [\[cfp-interest 3498\] C2Y - F.10.9.1 - nextafter\(x, y\)](#) *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*

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*

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*

Magnitude or Absolute Value or $|x|$ or

- [\[cfp-interest 3483\] Magnitude or Absolute Value or \$|x|\$ or](#) *Damian McGuckin*
 - [\[cfp-interest 3486\] Re: Magnitude or Absolute Value or \$|x|\$ or](#) *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*