

WG14 N3528

CFP meeting

Wednesday, April 16, 2025

8 AM PDT / 11 AM EDT / 3 PM UTC

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

<https://iso.zoom.us/j/97002164960?pwd=q4Vmmt4TjZ2eTLNNEizXaJwdOmyvSd.1>

Password: 746067

Or iPhone one-tap :

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Meeting ID: 970 0216 4960

Password: 746067

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

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 14th?

Notes from 2025-02-12 meeting

- [\[cfp-interest 3416\] JTC1/SC22/WG14/CFP 2025/03/12 Meeting minutes -- rev. 1](#) *Jerome Coonen*

TS-4 and TS-5 revisions

- <https://www.iso.org/standard/83622.html>
- <https://www.iso.org/standard/83623.html>
- [\[cfp-interest 3392\] DTS ballot comments](#) *Jim Thomas*
- [\[cfp-interest 3424\] Fwd: \[SC22WG14.30159\] New issue #1014: Error handling in ``<reduc.h>`` and ``<augarith.h>``](#) *Jim Thomas*

C Documents

C2y drafts:

- [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.

IEEE 754 liaison

C++ liaison

Carry over action items

Damian: complex.h intro and editorial suggestions.

Action items from previous meeting

Jim: Draft a paper with suggestion for frexp and double double to address the WG14 objections.

- [\[cfp-interest 3417\] Action item from WG14 re frexp and double-double proposal](#) *Jim Thomas*

Rajan: Send a note to WG14 about the N3447 issue.

[SC22WG14.29685] WG14 2025/02 meeting action item: CFP to look at N3447's change 3.2, addition 50'

Damian & Jim: Tune up the cproj proposal suitable for WG14.

Ly: Send email to CFP about the next____() issues pertaining to the several functions inspired by nextafter().

Discussion of issues

Action item from WG 14 re frexp and double-double

- [\[cfp-interest 3404\] Action item from 2025/02 WG14 meeting](#) *RAJAN BHAKTA*
 - [\[cfp-interest 3405\] Re: Action item from 2025/02 WG14 meeting](#) *Jim Thomas*
 - [\[cfp-interest 3406\] Re: Action item from 2025/02 WG14 meeting](#) *Jim Thomas*
- [\[cfp-interest 3417\] Action item from WG14 re frexp and double-double proposal](#) *Jim Thomas*

UB for translation-time expression evaluation (N3447 issue)

cproj cleanup

- [\[cfp-interest 3396\] Change to cproj - 7.3.9.5](#) *Damian McGuckin*
- [\[cfp-interest 3408\] Re: Change to cproj - 7.3.9.5](#) *Jim Thomas*
 - [\[cfp-interest 3409\] Re: Change to cproj - 7.3.9.5](#) *Damian McGuckin*

TS-4 issue #1014 about error handling

- [\[cfp-interest 3424\] Fwd: \[SC22WG14.30159\] New issue #1014: Error handling in `<reduc.h>` and `<augarith.h>`](#) *Jim Thomas*

complex.h introduction

powr(negative, qNaN)

- [\[cfp-interest 3415\] Re: \[SC22WG14.29708\] powr\(negative, qNaN\)](#) *Jim Thomas*

Imaginary I macro and i suffix issues, N3390 update

- [\[cfp-interest 3368\] removing imaginary I](#) *Jim Thomas*

Sign bit of a NaN

- [\[cfp-interest 3420\] sign bit of a NaN](#) *Damian McGuckin*
 - [\[cfp-interest 3421\] Re: sign bit of a NaN](#) *Vincent Lefevre*
 - [\[cfp-interest 3422\] Re: sign bit of a NaN](#) *Joshua Cranmer*

Constant expressions and floating-point exceptions

- [\[cfp-interest 3419\] constant expressions and floating-point exceptions](#) *Vincent Lefevre*

nexttoward exceptions

- [\[cfp-interest 3399\] nexttoward](#) *Paul Zimmermann*
 - [\[cfp-interest 3400\] Re: nexttoward](#) *Fred J. Tydeman*
 - [\[cfp-interest 3401\] Re: nexttoward](#) *Paul Zimmermann*
 - [\[cfp-interest 3402\] Re: nexttoward](#) *Fred J. Tydeman*
 - [\[cfp-interest 3403\] Re: nexttoward](#) *Vincent Lefevre*

Removal of “(also known as a singularity or infinity)” in post-N3467 draft

More complex functions, e.g. ccbprt, csinpi

CFP list of post C23 issues

Other issues