

WG14 N3162

CFP meeting

Wednesday, August 30, 2023

8 AM PDT / 11 AM EDT / 3 PM UTC

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

<https://iso.zoom.us/j/92042628032?pwd=S3ltbXdpRG9lS2Mxdm9ac1Fld0c3QT09>

Password: 772239

Or iPhone one-tap :

US: +12133388477,,92042628032# or +14086380968,,92042628032#

Or Telephone:

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

US: +1 213 338 8477 or +1 408 638 0968 or +1 669 219 2599 or +1 669 900 6833 or +1 720 928 9299 or +1 971 247 1195 or +1 206 337 9723 or +1 253 215 8782 or +1 346 248 7799 or +1 602 753 0140 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: 920 4262 8032

Password: 772239

International numbers available: <https://iso.zoom.us/u/adQ8CCsjsm>

Or Skype for Business (Lync):

<https://iso.zoom.us/skype/92042628032>

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

Note: Since the DIS (Draft International Standard) has been submitted to ISO, we are restricted from discussing any changes to C24 until ISO editing and balloting are complete (projected to be December 6). Discussion of any potential changes for future revisions of C must be clearly identified as such, in the meeting and notes.

The primary focus of this meeting is on preparing the TS revisions for submission to WG14.

Study group logistics

Next CFP meeting date: Oct 4 or 11? To work on email feedback from TS drafts submitted to WG 14, and on C2Y issue list.

Notes from 2023-06-07 meeting

- [\[Cfp-interest 2810\] WG14 IEEE 754-C binding meeting minutes - 2023/08/02](#) *Rajan Bhakta*

Posted on CFP wiki

C++ liaison

- [\[Cfp-interest 2799\] Attn WG 14, question about atomic_fetch_* and floating point re: \[isocpp-lib-ext\] P0493 Atomic max/min](#) *Hubert Tong*

C23 integration

C23 drafts:

[C2X 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>

Status

Carry over action items

Fred: Send any issues found with incorrect CD2 comment applications (Ex. DECIMAL_DIG has two entries in the suffix) to JeanHeyd and cc WG14 before the July 10th.

David H: Get an example for the scaled reduction functions (perhaps by asking Jason or Jim Demmel or looking into the IEEE references) by July.

See <https://754r.ucbtest.org/background/traps-and-wraps.txt>

David H: Get an example for the augmented arithmetic functions (perhaps by asking Jason or Jim or looking into the IEEE references) by July.

Action items from previous meeting

All: Should we hold our next CFP meeting with the WG14 meeting at the same time and together with WG14?

Jim: Look into why the pdf has funny characters in the initial copyright section for TS Part 4 and Part 5.

- [\[Cfp-interest 2840\] action item about characters in pdf](#) *Jim Thomas*

Jim: Be consistent with the rest of the standard for section 5.3 in the TS (the "if and only if" part).

- [\[Cfp-interest 2812\] Action items about WANT macros in TS-4r](#) *Jim Thomas*
 - [\[Cfp-interest 2813\] Re: Action items about WANT macros in TS-4r](#) *Damian McGuckin*

All: Consider weakening "if and only if" to "if" to allow more implementation latitude. Comes with the cost of being less consistent with the rest of the standard.

Jim: Create a slide deck for TS part 4 as was done previously to help in understanding during the WG14 meeting.

All: Everyone look through both TS part documents, pick sections you want to review and let Jim know when they are done. Should be done a week before our next meeting.

Other issues

Review TS-4r and TS-5r

- [\[Cfp-interest 2814\] Re: CFP review of TS-4 and TS-5 revisions](#) *Jim Thomas*
 - [\[Cfp-interest 2815\] Re: CFP review of TS-4 and TS-5 revisions](#) *Rajan Bhakta*
 - [\[Cfp-interest 2816\] Re: CFP review of TS-4 and TS-5 revisions](#) *Jim Thomas*
 - [\[Cfp-interest 2817\] Re: CFP review of TS-5 revisions](#) *Fred J. Tydeman*
 - [\[Cfp-interest 2819\] Re: CFP review of TS-5 revisions](#) *Jim Thomas*
 - [\[Cfp-interest 2820\] Re: CFP review of TS-5 revisions](#) *Fred J. Tydeman*
 - [\[Cfp-interest 2822\] Re: CFP review of TS-5 revisions](#) *Jim Thomas*
 - [\[Cfp-interest 2821\] Re: CFP review of TS-5 revisions](#) *Jim Thomas*
 - [\[Cfp-interest 2818\] Re: CFP review of TS-4 revisions](#) *Fred J. Tydeman*
 - [\[Cfp-interest 2829\] Re: CFP review of TS-4 revisions](#) *Jim Thomas*
 - [\[Cfp-interest 2831\] Re: CFP review of TS-4 revisions](#) *Fred J. Tydeman*
 - [\[Cfp-interest 2832\] Re: CFP review of TS-4 revisions](#) *Jim Thomas*
 - [\[Cfp-interest 2824\] Re: CFP review of TS-4 and TS-5 revisions](#) *Jim Thomas*
 - [\[Cfp-interest 2834\] Re: CFP review of TS-4 and TS-5 revisions](#) *Damian McGuckin*
 - [\[Cfp-interest 2835\] Re: CFP review of TS-4 and TS-5 revisions](#) *Jim Thomas*
 - [\[Cfp-interest 2836\] Re: CFP review of TS-4 and TS-5 revisions](#) *Damian McGuckin*
 - [\[Cfp-interest 2837\] Re: CFP review of TS-4 and TS-5 revisions](#) *Damian McGuckin*
 - [\[Cfp-interest 2838\] Re: CFP review of TS-4 and TS-5 revisions](#) *Damian McGuckin*
 - [\[Cfp-interest 2839\] Re: CFP review of TS-4 and TS-5 revisions](#) *Jim Thomas*
- [\[Cfp-interest 2823\] Re: CFP review of TS-4 and TS-5 revisions](#) *Damian McGuckin*
 - [\[Cfp-interest 2825\] Re: CFP review of TS-4 and TS-5 revisions](#) *Jim Thomas*
 - [\[Cfp-interest 2826\] Re: CFP review of TS-4 and TS-5 revisions](#) *Damian McGuckin*
 - [\[Cfp-interest 2827\] Re: CFP review of TS-4 and TS-5 revisions](#) *Jim Thomas*
 - [\[Cfp-interest 2828\] Re: CFP review of TS-4 and TS-5 revisions](#) *Damian McGuckin*
 - [\[Cfp-interest 2830\] Re: CFP review of TS-4 and TS-5 revisions](#) *Jim Thomas*
 - [\[Cfp-interest 2833\] Re: CFP review of TS-4 and TS-5 revisions](#) *Damian McGuckin*

Issues for C2Y

For next meeting