

**WG14 N3069**

## **C Floating Point Study Group Teleconference**

January 4, 2023

11:00 AM EST, 8:00 AM PST, 4:00 PM UTC

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

<https://iso.zoom.us/j/96156912092?pwd=TTVleExnWWJCVlhmR21LWjBjSmFuQT09>

Password: 800528

Or iPhone one-tap :

US: +12133388477,,96156912092# or +14086380968,,96156912092#

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 +1 470 381 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 +1 470 250 9358 or 877 853 5247 (Toll Free) or 888 788 0099 (Toll Free)

Meeting ID: 961 5691 2092

Password: 800528

International numbers available: <https://iso.zoom.us/u/adTEW4HOv0>

Or Skype for Business (Lync): <https://iso.zoom.us/skype/96156912092>

CFP Wiki: <http://wiki.edg.com/twiki/bin/login/CFP/WebHome>

### **Draft Agenda**

#### **Meeting logistics**

Note taker, mail out notes

#### **Introduction of attendees**

#### **Approval of agenda**

#### **Notes from 2022-11-16 meeting**

- [\[Cfp-interest 2563\] WG14 IEEE 754-C binding meeting minutes 2022/11/16](#) *Rajan Bhakta*  
Posted on CFP wiki

#### **Study group logistics**

Next CFP meeting date: TBD

## C++ liaison

Rounding direction specific functions – see below.

## C23 integration

C23 drafts:

[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>

Part 1

Part 2

Part 3

Part 4ab

Part 5abcd

IEC 60559:2020 support

- [\[Cfp-interest 2558\] C23 CD](#) *Jim Thomas*

## Carry-over action items

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

<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).

## Action items from 2022-07-27 meeting

Rajan/Fred/Jim: Provide the CD comments to the CFP list for review.

- [\[Cfp-interest 2569\] CFP review of NB comments on CD](#) *Jim Thomas*

All: Review CD comments related to CFP.

Jim: Clean up the participants list on the wiki.

- [\[Cfp-interest 2567\] CFP participants list](#) *Jim Thomas*

## Other issues

Review TS part 4 revision

- [\[Cfp-interest 2454\] Re: post-C23 update for TS 18661-4](#) *Jim Thomas*

Review TS part 5 revision

- [\[Cfp-interest 2560\] TS 18661-5 revision](#) *Jim Thomas*

Rounding direction specific functions

- [\[Cfp-interest 2561\] Fwd: Floating point environment](#) *Jim Thomas*