

**WG14 N2442**

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

October 16, 2019  
8 AM PDT / 11 PM EDT / 3 PM UTC

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Global call-in numbers:

<https://ibm.webex.com/cmp3300/webcomponents/widget/globalcallin/globalcallin.do?siteurl=ibm&serviceType=MC&ED=711376817&tollFree=1>

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

### **Draft Agenda**

#### **Meeting logistics**

Note taker, mail out notes - Rajan

#### **Introduction of attendees**

#### **Approval of agenda**

#### **Notes from 2019-09-18 meeting**

Posted on CFP wiki

#### **Carry-over action items**

Fred: Rewrite the proposed CFP1360 paper using the CFP recommendations.

#### **Action items from 2019-09-18 meeting**

CFP: Put the tgm<sub>math</sub> redefinition as a proposal to the standard once we have a base document with TS Part 3 in it.

Jim: Respond to Fred's question in CFP1377 about where the SNANF information is stated.

CFP: Look at naming issue and propose responses to the questions in the paper.

#### **Study group logistics**

Next meeting dates: Wednesday, November 13?

#### **IEEE 754 revision**

#### **C++ liaison**

#### **C2x integration**

Part 1

Part 2

Part 3

Part 4ab

Part 5abcd

## Action item details

Fred: Rewrite the proposed CFP1360 paper using the CFP recommendations.  
See thread starting with [Cfp-interest 1388] Math functions & range errors

CFP: Put the tgmth redefinition as a proposal to the standard once we have a base document with TS Part 3 in it.

Jim: Respond to Fred's question in CFP1377 about where the SNANF information is stated.  
See CFP 1411.

CFP: Look at naming issue and propose responses to the questions in the paper.

## Other issues

Followup on what does "normalized" mean in C?  
See CFP 1399

Specifying more special cases for math functions, e.g., periodicity for half-revolution trig functions.  
Perhaps as recommended practice.

For WG14 meeting  
21-25 October, 2019 – Ithaca, New York, US [N 2327]

[N2384](#) Thomas, C2X proposal - F.8 update  
[N2400](#) Thomas, C2X proposal - why no wide string strfrom functions  
[N2406](#) Tydeman, SNAN: initialization and unary +  
[N2407](#) Thomas, Proposal for C2X - TS 18661-5abc supplementary attributes  
[N2416](#) Thomas, Proposal for C2X - floating-point negation and conversion  
[N2421](#) Thomas, TS 18661-5abc for C2X - slides  
[N2424](#) Thomas, Proposal for C2X proposal – Why logp1?

Others?

## Activities

Review activities in progress