Draft Minutes for PL22.3 Meeting 220

Document No. PL22.3-2019-00226-draft-minutes

| Document Date: | October 24, 2019 |
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| Reply To: | [Dan Nagle](mailto:lbarra@itic.org) |
| Subject: | Draft Minutes of INCITS PL22.3 Working group for Fortran  October 14-18, 2019 (8:00AM – 5:00PM Pacific), In-person |

1. **Administrative**
   1. Call to Order and Chairman’s Remarks October 14, 2019 8:00 AM by the chairman, Dan Nagle. Lorri Menard acted as Recording Secretary.
   2. INCITS Patent Policy and Antitrust

**Reference:** <http://www.incits.org/standards-information/legal-info>

* 1. Membership Report
     1. Member organizations:

(Note: Voting members are “YES;” non-voting but attending are “yes”)

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Company | First Name | Participant Class | Membership Class | In Attendance |
| ARM | Srinath Vadlamani | Principal | Voting | YES |
| Corbett | Robert Corbett | Principal | Voting | YES |
| Cray Inc | Bill Long | Principal | Voting | YES |
| IBM Corporation | Daniel Chen | Principal | Voting | YES |
| Kelvin Li | Alternate | Voting |  |
| Rafik Zurob | Alternate | Voting |  |
| Intel Corporation | Raghu Maddhipatla | Alternate | Voting |  |
| Divya Mangudi | Alternate | Voting |  |
| Lorri Menard | Principal | Voting | YES |
| Jon Steidel | Alternate | Voting | yes |
| Jet Propulsion Laboratory | Van Snyder | Principal | Voting | YES |
| Kernelyze LLC | Thomas Knox | Principal | Voting |  |
|  |  |  |  |
| Lawrence Berkeley National Laboratory | Bryce Adelstein-Lelbach | Principal | Voting |  |
|  | Brian Friesen | Alternate | Voting |  |
| Lionel | Steve Lionel | Principal | Voting |  |
| Malcolm Cohen | Alternate | Voting |  |
| Vipul Parekh | Alternate | Voting | YES |
| Los Alamos National Lab | Ondrej Certik | Principal | Voting | YES |
| Zechariah Jibben | Alternate | Voting | yes |
| NASA | Thomas Clune | Principal | Voting | YES |
|  | Henry Jin | Alternate | Voting |  |
| National Center for Atmospheric Research (NCAR) | Dan Nagle | Principal | Voting | YES |
| Magne Haveraaen | Alternate | Voting | yes |
| John Reid | Alternate | Voting |  |
|  |  |  |  |  |
| NVidia Corporation | Gary Klimowicz | Principal | Voting | YES |
| Mark LeAir | Alternate | Voting |  |
|  |  |  |  |  |
| United States Dept of Energy | Aleksandar Donev | Alternate | Voting |  |
| Karla Morris | Principal | Voting |  |
| Damian Rouson | Alternate | Voting | YES |
|  |  |  |  |
| Oak Ridge National Labs | David E. Berhnoldt | Principal | Voting |  |
| Reuben Budiardja | Alternate | Voting | YES |
| Guest | Richard Bleikamp | AMD | Guest | n/a |
|  |  |  |  |  |
|  |  |  |  |  |

* + 1. Member organizations with voting rights:

There are 15 member organizations with voting rights, and one organizations that is potential (AMD). The potential organization ha not yet completed the application process.

Los Alamos National Lab and ARM have attained voting rights at this meeting.

Note: Oak Ridge National Lab attained voting rights at the August 5, 2019 meeting.

Thirteen of the 15 voting organizations are represented at this meeting.

* + 1. Member organizations that have lost voting rights due to lack of attendance:   
       No organizations have lost voting rights due to attendance.
    2. Member organizations in attendance jeopardy:   
       Lawrence Berkeley National Labs are in attendance jeopardy
    3. Member organizations in ballot jeopardy:   
       DOE is in ballot jeopardy
  1. Approval of Previous Meeting Minutes

**Reference:**

https://standards.incits.org/apps/org/workgroup/pl22.3/download.php/112451/pl22.3-2019-00219-PL22.3%20minutes%20for%20m219.docx

Motion to approve by Klimowicz, seconded by Snyder; passed with unanimous consent

* 1. Review of Action Items

There were no action items

* 1. Approval of the Draft Agenda

**Reference:**

<https://standards.incits.org/apps/org/workgroup/pl22.3/download.php/112452/PL22.3-2019-00225-Draft%20Agenda%20Oct%202019-m220.docx>

Motion to approve by Steidel, seconded Vadlamani, and passed with unanimous consent

1.7 Review of Ad Hocs

# **2. Agenda**

# 1. Monday October 14 2019 8:00 am

## 1.1 Opening business D. Nagle

|  |  |
| --- | --- |
| Remarks from the chair  Thank you everyone for coming. A goal for this meeting  is to have papers as far as edits before the end of the  week. | D. Nagle |
| Adoption of agenda  Motion made by Steidel/seconded Vadlamani to adopt the agenda, and unanimous consent (UC) | D. Nagle |
| Approval of Meeting m219 minutes  Motion made by Lionel/seconded Clune to approve the m217 minutes - UC | D. Nagle |
| INCITS report (if any)  Magne Haveraaen is officially Dan's alternate now. | D. Nagle |
| IEEE/754 report (if any)   The details of the IEEE/754 report are in 19-234. | R. Corbett |
| WG23 report (if any)  Nothing to report | D. Nagle |
|  |  |
| ***WG9 report (if any)***  The details of the ADA report are in 19-227. | V. Snyder |
| MPI Liaison report (if any) B. Long  The details of the MPI report are in 19-263. | |
| OpenMP Liaison report (if any) B. Long  The details of the OpenMP report are in 19-262. | |
| ***UPC/PGAS Liaison report (if any)*** | B. Friesen |
| Nothing this meeting. |  |
|  |  |
| ***OpenACC Liaison report (if any)*** | G. Klimowicz |
| Nothing this meeting |  |
| ***Flang open source report (if any)*** | G. Klimowicz |
| The details of the flang report are in 19-261. |  |
| ***Beginning Treasurer's report*** | J. Steidel |
| 14 Oct 2019 Opening balance $3043.57 |  |
| **Beginning membership report** | L. Menard |
| 15 member organizations, one more potential, 13 represented here.  Total Membership at beginning of Meeting 220 : 15  Majority [1 over half] : 8  Quorum [1/3 of voting members, min 4 present] : 5  Attendance is recorded above. |  |
| ***Local arrangements*** | J. Steidel |
| Jon has provided snacks. Marriott will provide soft drinks and water. |  |
| ***Comments from members*** |  |
|  |  |
|  |  |

## 1.2 Tutorials (if needed)

## 1.3 Subgroup organization D. Nagle

**/JoR:** Chair: Dan Nagle  
 Lorri Menard, Gary Klimowicz, Richard Bleikamp, Srinath Vadlamani

**/Data:** Chair: Tom Clune  
 Van Snyder, Magne Haveraaen, Bob Corbett, Ondrej Certik, Vipul Parekh, Damien Rouson  
  
 **/HPC:** Chair: Bill Long  
 Jon Steidel, Daniel Chen, Reuben Budiardja, Zack Jibben

Any Interp or Edit business will be resolved by Bill Long.

Recessed to subgroup meetings

## 1.4 Subgroup meetings

## 1.5 Subgroup reports (4:30 pm)

Six papers are submitted for vote tomorrow.

One paper intended for discussion by the group.

Recessed for the day at 5:00 PM

# 2. Tuesday October 15,2019 8:00 am

## ---------------------------------------------------------------

## 2.1 F202x Plenary (19-010) Subgroup Heads

Three papers were discussed as a group and returned to subgroup.

Three papers were voted on and passed.

Recessed to subgroup.

## 2.2 Tutorials (if needed) 2.3 Subgroup meetings

## 2.4 Subgroup reports (4:30 pm)

Two papers are up for vote tomorrow.

Recessed at 4:40.

# 3. Wednesday October 16, 2019 8:00 am

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## 3.1 F202x Plenary (19-010) Subgroup Heads

Two papers were passed.

Recessed to subgroup.

## 3.2 Tutorials (if needed)

## 3.3 Subgroup meetings

## 3.4 Subgroup reports (4:30 pm)

Ten papers are up for review and/or vote tomorrow.

Recessed until tomorrow at 5:00

# 4. Thursday October 17, 2019 8:00 am

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## 4.1 F202x Plenary (19-010) Subgroup Heads

Four papers were passed.

Five papers were discussed and withdrawn for more work.

One paper was not moved forward, as it depended on one of the rework papers.

Recessed at noon to subgroups

## 4.2 Tutorials (if needed)

## 4.3 Subgroup meetings

## 4.4 US TAG (4:15 pm) D. Nagle

No TAG required this meeting.

## 4.5 Subgroup reports (4:30 pm)

Once again, 10 papers for review/vote tomorrow morning.

Recessed for the evening at 4:43PM.

# 5. Friday October 18, 2019 8:00 am

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## 5.1 F202x Plenary (19-010) Subgroup Heads

Six papers were passed.

Four papers were withdrawn, and will be re-worked, resubmitted for the next meeting.

Motion was made by Dan Nagle, seconded by Bill Long, to request WG5 remove the conditional expression feature from the worklist. Vote was 7 <for> and 5 <against>.

## 5.2 Closing business

## 5.3 Review of action items (if any)

None.

## 5.4 Future meetings D. Nagle

m221 Feb 24-28, 2020  
 Las Vegas, NV USA  
 Host: Van Snyder

m222 (Joint with WG5) June 22-26, 2020  
 Minneapolis, MN USA  
 Host: Bill Long

m223 October 12-16, 2020  
 Las Vegas, NV USA  
 Host: Srinath Vadlamani

## 5.5 Treasurer's report J. Steidel

14 Oct 2019 Opening balance $ 3043.57

14 Oct 2019 Meeting fees waived + 0.00

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Subtotal $ 3043.57

18 Oct 2019 Refreshments Residence Inn - 313.75

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18 Oct 2019 Closing balance $ 2729.82

## 5.6 Closing membership report L. Menard

Membership is unchanged from the beginning of the meeting; 15 voting members, 13 of which were present.

We hope to welcome AMD as a voting member in 2020.

## 5.7 Comments from members

Dan wished everyone safe travels home and invited all to meet for a wind-down lunch at Gordon Biersch at noon.

## Adjournment 10:45

**3. Other Business**

**4. Future Meetings**

Meetings in 2020:

*m221 Feb 24-28, 2020  
 Las Vegas, NV USA  
 Host: Van Snyder*

*m222 (Joint with WG5) June 22-26, 2020  
 Minneapolis, MN USA  
 Host: Bill Long*

*m223 October 12-16, 2020  
 Las Vegas, NV USA  
 Host: Srinath Vadlamani*

**5. Adjournment**

Meeting adjourned 10:45 AM