

UNAPPROVED MINUTES

IEEE 802.3 Ethernet Working Group

Plenary Opening Meeting

November 11, 2024

<https://www.ieee802.org/3/minutes/nov24/index.html>

MONDAY, 11 NOVEMBER 2024

Minutes were taken by Jon Lewis.

ADMINISTRATIVE MATTERS

Call to order

Adam Healey, Vice-Chair of the IEEE 802.3 Ethernet Working Group, called the meeting to order at 10:15 PST.

Welcome, introductions, and general announcements

Mr. Healey noted that it would be too time consuming to have each individual introduce themselves, that introductions would not be done at this hybrid meeting.

Mr. Healey showed a list of officers of the IEEE 802.3 Working Group:

IEEE 802.3 Chair: David Law

IEEE 802.3 Vice-Chair: Adam Healey

IEEE 802.3 Secretary: Jon Lewis

IEEE 802.3 Executive Secretary: Chad Jones

IEEE 802.3 Treasurer: Valerie Maguire

IEEE 802.3 Task Force chairs

IEEE P802.3da 10SPE Multidrop Enhancements: Chad Jones

IEEE P802.3dg 100 Mb/s Long-Reach Single Pair Ethernet Task Force: George Zimmerman

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: John D'Ambrosia

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs: Yuanqiu Luo

IEEE P802.3dm Asymmetrical Electrical Automotive Ethernet: Jon Lewis

IEEE P802.3.1 (IEEE 802.3.1b) Ethernet MIBs (revision): Marek Hajduczenia

IEEE P802.3.2 (IEEE 802.3.2a) YANG Data Model Definitions (revision) Marek Hajduczenia

IEEE 802.3 Study Group chair

IEEE 802.3 Ethernet Powering Cabling Restrictions Study Group: Chad Jones

IEEE 802.3 Task Force vice-chairs

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: Mark Nowell

Working Group Decorum

Mr. Healey introduced the Working Group decorum as described in the opening report. Please see https://www.ieee802.org/3/minutes/nov24/1124_802_3_opening_plenary.pdf#page=3 .

Mr. Healey noted that there should be no recording without permission and that recording was disabled for this meeting in the teleconference tool.

Mr. Healey asked if anyone was attending from the press including those who would run a public blog on this meeting other than those limited to summarizing the meeting. There was no response.

Mr. Healey introduced the procedure for including your affiliation in your screen name and noted other zoom guidelines for in-person and remote participants including the operation of the queues. Please see https://www.ieee802.org/3/minutes/nov24/1124_802_3_opening_plenary.pdf#page=6 .

Mr. Healey informed the group that the July plenary meeting is subject to a registration fee and that there are penalties for non-payment of registration fees.

https://www.ieee802.org/3/minutes/nov24/1124_802_3_opening_plenary.pdf#page=8 .

Review and approval of agenda

Mr. Healey noted that a soft copy of the draft agenda had been posted to the minutes section for this meeting.

Mr. Healey asked if there were any additions to the draft agenda. There was no response.

MOTION #1

Approve the agenda with the removal of the ISO/IEC SC25/WG3 liaison report.

M: B. Voss

S: P. Jones

Procedural (> 50%)

Motion Passed by unanimous consent, 10:26 a.m. PST

MOTION #2

Approve the July 2024 plenary and September 2024 interim minutes as posted.

M: K. Lusted

S: A. Ran

Procedural (> 50%)

Motion Passed by unanimous consent, 10:28 a.m. PST

Call for patents

Please see:

https://www.ieee802.org/3/minutes/nov24/1124_802_3_opening_plenary.pdf#page=11

Mr. Healey showed the IEEE patent policy slides.

Mr. Healey asked if anyone was aware of any patent claims potentially essential to the proposed standards under development by the IEEE 802.3 Working Group. There was no response.

Mr. Healey asked that Mr. Lewis record that:

The patent policy, per the latest PatCom slide set, was shown

There was no response to the call for potentially essential patent claims

Anyone wishing to submit a letter of assurance can do so at any time by contacting Mr. Law or the PatCom administrator

Mr. Healey reminded the group of inappropriate topics that should not be discussed. These included territory, market share, price, ongoing litigation, threatened litigation, etc.

Mr. Healey reviewed the IEEE SA copyright slides.

https://www.ieee802.org/3/minutes/nov24/1124_802_3_opening_plenary.pdf#page=16

Mr. Healey advised participants that:

- IEEE SA's copyright policy is described in Clause 7 of the IEEE SA Standards Board Bylaws and Clause 6.1 of the IEEE SA Standards Board Operations Manual;
- Prior to presentation or submission, you shall notify the Working Group Chair of previously Published material and should assist the Chair in obtaining copyright permission acceptable to IEEE SA. For material that is not previously Published, IEEE is automatically granted a license to use any material that is presented or submitted.

Mr. Healey reviewed the IEEE SA participation slides.

https://www.ieee802.org/3/minutes/nov24/1124_802_3_opening_plenary.pdf#page=19

Mr. Healey advised participants that:

- Participants in the IEEE-SA "individual process" under which the project operates shall act independently of others, including employers, and shall act based on their qualifications and experience. By participating in standards activities using the "individual process", you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation.

General Working Group business

Mr. Healey explained the membership requirements (gaining):

- Attendance in at least 75% of meeting slots¹ at 2 of the last 4 plenary sessions
 - Attendance in at least 75% of meeting slots at recent IEEE 802.3 Ethernet Working Group or Task Group Interim Session may be substituted for one of the two Plenary Sessions

¹ There are four IMAT meeting slots during the day during plenary and credited interim sessions

- Attendance in at least 75% of the meeting slot’s duration is required for that attendance to count towards gaining or maintaining voting membership
- Maintain valid contact information
- Consistent declaration of affiliation
- Request to become member during potential voter agenda item at an IEEE 802.3 Ethernet Working Group opening or closing **plenary** meeting

Membership requirements (retaining)

- Continue to meet above attendance, contact, and affiliation requirements
- Participate in two out of the last three Working Group Letter Ballot Series

Mr. Law assumed his role as Chair and thanked Mr. Healey for starting the meeting.

Mr. Law noted that IEEE 802.3 and IEEE 802.1 are trialing reciprocal credit during this plenary session.

Mr. Lewis reviewed the membership and attendance tool procedures.

https://www.ieee802.org/3/minutes/nov24/1124_802_3_opening_plenary.pdf#page=25

Please see <http://ieee802.org/3/rules/index.html> for complete information.

Mr. Law asked the group to take a moment and sign in IMAT. He asked if there was anyone that was unable to sign into IMAT. There was no response.

Review of voting membership

Please https://www.ieee802.org/3/minutes/nov24/1124_voters.pdf

Review of voters in peril

Please https://www.ieee802.org/3/minutes/nov24/1124_peril.pdf

Review of Potential voters

Please see https://www.ieee802.org/3/minutes/nov24/1124_potential.pdf

The following participants requested voting rights during the opening plenary:

Beauregard, Francois	Houck, Tj	Ninomiya, Takuya
De Koos, Andras	Kareti, Upen	Pal, Debajyoti
Djahanshahi, Hormoz	Kleinwaechter, Mathias	Rodes, Roberto
El-Chayeb, Ahmad	Kock, Joerg	Sakai, Toshiaki
Galan, Jose	Levin, Itamar	Shah, Anup
Geng, Lemon	Liu, Xiang	Tan, Yuxuan
Ghiasi, Ali	Muhigana, Ernest	Thompson, Geoffrey

Val Maguire presented the Working Group treasury report. Please see

https://www.ieee802.org/3/minutes/nov24/1124_treasury.pdf

Mr. Law announced that at the LMSC meeting Elizabeth Kochuparambil was appointed IEEE 802 LMSC Associate Recording Secretary member emeritus.

Mr. Law showed the IEEE 802 LMSC meeting schedule. Please see

https://www.ieee802.org/3/minutes/nov24/1124_802_3_opening_plenary.pdf#page=32

Mr. Law showed the instructions for accessing the IEEE 802 eMedia.

https://www.ieee802.org/3/minutes/nov24/1124_802_3_opening_plenary.pdf#page=33

Mr. Lewis displayed a list of the voters that requested voting rights in the opening plenary. Mr. Law asked if any new voter had not been properly recorded. There was no response.

Mr. Law showed the other IEEE 802 LMSC PARs under consideration at the plenary session.

https://www.ieee802.org/3/minutes/nov24/1124_802_3_opening_plenary.pdf#page=35

Mr. Lusted reported the outcome of the IEEE 802.3 PAR Ad Hoc that he chaired before the plenary session. He noted that he had then circulated the proposed IEEE 802.3 comments to the IEEE 802.3 dialog reflector, received no suggested changes by the deadline, and submitted the IEEE 802.3 PAR comments to the IEEE 802 LMSC reflector.

LIAISONS

External Liaison letters (old)

ITU-T SG15: Access Network Transport (ANT) and Home Network Transport (HNT) Standards Overviews and Work Plans [liaison letter](#)

ITU-T SG15: Access Network Transport (ANT) Standards Overview and Work Plan [liaison letter](#)

ITU-T SG15: Home Network Transport (HNT) Standards Overview and Work Plan [liaison letter](#)

ITU-T SG15: OTNT Standardization Work Plan Issue 34 [liaison letter](#) and [attachment](#)

External Liaison letters (new)

ASA: Motion Link specification 2.0 to IEEE 802.3dm [liaison letter](#) and [attachment](#)

ITU-T SG 9: DOCSIS-related work items in ITU-T SG9 [liaison letter](#) and attachments [1](#), [2](#) and [3](#)

Ultra Accelerator Link Consortium: Introduction and request for liaison relationship [letter](#) and [presentation](#)

External Liaison reports

TIA TR-42 Telecommunications Cabling Systems – Bob Voss

https://iee802.org/3/minutes/jul24/20240624_TIA_Liaison_Report_802.3.pdf

Mr. Law noted that he would be appointing Bob Voss as the TIA TR42 liaison officer and would have a motion at the closing plenary.

Opening reports:

IEEE 802.3 Maintenance - Adam Healey

https://www.ieee802.org/3/minutes/nov24/1124_maint_open_report.pdf

IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement Task Force - Chad Jones

https://www.ieee802.org/3/minutes/nov24/802d3da_task_force_open_report_1124.pdf

IEEE P802.3dg 100 Mb/s Long-Reach Single Pair Ethernet Task Force - George Zimmerman

https://www.ieee802.org/3/minutes/nov24/802d3dg_open_report_Nov2024.pdf

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force - John D'Ambrosia

https://www.ieee802.org/3/minutes/nov24/2411_3dj_open_report.pdf

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs Task Force -Yuanqiu Luo

https://www.ieee802.org/3/minutes/nov24/802d3dk_Task_Force_open_report_2024NovPlenary.pdf

IEEE P802.3dm Asymmetrical Electrical Automotive Ethernet Task Force – Jon Lewis

https://www.ieee802.org/3/minutes/nov24/1124_3dm_open_report.pdfv

IEEE P802.3-2022/Cor 1 (IEEE 802.3dn) Multi-Gig Automotive MDI return loss Task Force – Brett McClellan

https://www.ieee802.org/3/minutes/jul24/802d3dn_task_force_report_July2024.pdf

IEEE P802.3.1 (IEEE 802.3.1b) SMIV2 Data Models (Revision) & IEEE P802.3.2 (IEEE 802.3.2a) YANG Data Model (Revision) Task Force - Marek Hajduczenia

https://www.ieee802.org/3/minutes/nov24/802d3dn_task_force_report_Nov2024.pdf

IEEE 802.3 New Ethernet Applications Ad Hoc – Jon Lewis

https://www.ieee802.org/3/minutes/nov24/1124_NEA_open_report.pdf

IEEE 802.3 Power Delivery Coordinating Committee Ad Hoc - Chad Jones

https://www.ieee802.org/3/minutes/nov24/PDCC_adhoc_open_report_1124.pdf

Call for Interest:

Mr. Jason Potterf showed the IEEE 802.3 Call for Interest Pin Optimized PHY Interface Opening Report

https://www.ieee802.org/3/minutes/nov24/Potterf_MII_CFI_Opening_Presentation_2024-11-10_final.pdf

Room assignments and Subgroup schedules. Mr. Jones shared the meeting room locations for the week and gave the location on the website for both versions of the online schedule.

Mr. Jones conducted a Straw Poll for in-person attendees:

Are you planning on eating on Friday?

Breakfast: 26

Lunch: 14

Breaks: 12

Mr. Jones announced that lunches are provided and would be on the 34th floor.

Mr. Law announced that as the agenda had been exhausted the meeting was adjourned.

Mr. Law adjourned the meeting at 12:01 PST.

Adjourned.

UNAPPROVED MINUTES

IEEE 802.3 Ethernet Working Group

Plenary Closing Meeting

November 14, 2024

<https://www.ieee802.org/3/minutes/nov24/index.html>

THURSDAY, 14 NOVEMBER 2024

Minutes were taken by IEEE 802.3 Ethernet Working Group Secretary Jon Lewis.

ADMINISTRATIVE MATTERS

Call to order

David Law, Chair of the IEEE 802.3 Ethernet Working Group, called the meeting to order at 13:15 PST.

https://www.ieee802.org/3/minutes/nov24/1124_802_3_closing_plenary.pdf#page=2

Welcome, introductions, and general announcements

Mr. Law noted that it would be too time consuming to have each individual introduce themselves, that introductions would not be done at this hybrid meeting.

Mr. Law showed a list of officers of the IEEE 802.3 Working Group:

IEEE 802.3 Chair: David Law

IEEE 802.3 Vice-Chair: Adam Healey

IEEE 802.3 Secretary: Jon Lewis

IEEE 802.3 Executive Secretary: Chad Jones

IEEE 802.3 Treasurer: Valerie Maguire

IEEE 802.3 Task Force chairs

IEEE P802.3da 10SPE Multidrop Enhancements: Chad Jones

IEEE P802.3dg 100 Mb/s Long-Reach Single Pair Ethernet Task Force: George Zimmerman

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: John D'Ambrosia

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs: Yuanqiu Luo

IEEE P802.3dm Asymmetrical Electrical Automotive Ethernet: Jon Lewis

IEEE P802.3.1 (IEEE 802.3.1b) Ethernet MIBs (revision): Marek Hajduczenia

IEEE P802.3.2 (IEEE 802.3.2a) YANG Data Model Definitions (revision): Marek Hajduczenia

IEEE 802.3 Study Group chairs

IEEE 802.3 Ethernet Powering Cabling Restrictions: Chad Jones

IEEE 802.3 Task Force vice-chairs

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet: Mark Nowell

IEEE P802.3dm Asymmetrical Electrical Automotive Ethernet: Natalie Wienckowski

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in the opening report. Please see https://www.ieee802.org/3/minutes/nov24/1124_802_3_closing_plenary.pdf#page=3.

Mr. Law noted that there should be no recording without permission and that recording was disabled for this meeting in the teleconference tool.

Mr. Law asked if anyone was attending from the press including those who would run a public blog on this meeting other than those limited to summarizing the meeting. There was no response.

Mr. Law introduced the procedure for including your affiliation in your screen name and noted other zoom guidelines for in-person and remote participants including the operation of the queues. Mr. Jones notified the group that if this isn't complied with you will be removed from the meeting.

https://www.ieee802.org/3/minutes/nov24/1124_802_3_closing_plenary.pdf#page=6.

Mr. Law informed the group that the November plenary meeting is subject to a registration fee and that there are penalties for non-payment of registration fees.

https://www.ieee802.org/3/minutes/nov24/1124_802_3_closing_plenary.pdf#page=8.

Review and approval of agenda

Mr. Law noted that a soft copy of the draft agenda had been posted to the minutes section for this meeting.

Mr. Law asked if there were any additions to the draft agenda. There was no response.

MOTION #1

Approve the agenda.

M: John D'Ambrosia

S: Kent Lusted

Procedural (> 50%)

Motion Passed by unanimous consent, 13:22 PST

Call for patents

Please see

https://www.ieee802.org/3/minutes/nov24/1124_802_3_closing_plenary.pdf#page=11

Mr. Law showed the IEEE patent policy slides.

Mr. Law asked if anyone was aware of any patent claims potentially essential to the proposed standards under development by the IEEE 802.3 Working Group. There was no response.

Mr. Law asked that Mr. Lewis record that:

The patent policy, per the latest PatCom slide set, was shown

There was no response to the call for potentially essential patent claims

Anyone wishing to submit a letter of assurance can do so at any time by contacting Mr. Law or the PatCom administrator

Mr. Law reminded the group of inappropriate topics that should not be discussed. These included territory, market share, price, ongoing litigation, threatened litigation, etc.

Mr. Law reviewed the IEEE SA copyright slides.

https://www.ieee802.org/3/minutes/nov24/1124_802_3_closing_plenary.pdf#page=16

Mr. Law advised participants that:

- IEEE SA's copyright policy is described in Clause 7 of the IEEE SA Standards Board Bylaws and Clause 6.1 of the IEEE SA Standards Board Operations Manual;
- Prior to presentation or submission, you shall notify the Working Group Chair of previously Published material and should assist the Chair in obtaining copyright permission acceptable to IEEE SA. For material that is not previously Published, IEEE is automatically granted a license to use any material that is presented or submitted.

Mr. Law reviewed the IEEE SA participation slides.

https://www.ieee802.org/3/minutes/nov24/1124_802_3_closing_plenary.pdf#page=19

Mr. Law advised participants that:

- Participants in the IEEE-SA "individual process" under which the project operates shall act independently of others, including employers, and shall act based on their qualifications and experience. By participating in standards activities using the "individual process", you are deemed to accept these requirements; if you are unable to satisfy these requirements then you shall immediately cease any participation.

Mr. Law provided details on specifying your employer and affiliation during IEEE-SA "individual process" meetings.

General Working Group business

Attendance procedures, tool, and e-mail list maintenance

Mr. Law explained the membership requirements (gaining):

- Attendance in at least 75% of meeting slots² at 2 of last 4 plenary sessions
 - Attendance in at least 75% of meeting slots at a recent IEEE 802.3 Ethernet Working Group or Task Group Interim Session may be substituted for one of the two plenary sessions
- Attendance in at least 75% of meeting slot's duration is required for that attendance to count towards gaining or maintaining voting membership
- Provide valid contact information
- Provide declaration of affiliation
- Request to become member during potential voter agenda item at an IEEE 802.3 Ethernet Working Group opening or closing **plenary** meeting

² There are four IMAT meeting slots during the day during plenary and credited interim sessions

Membership requirements (retaining)

- Continue to meet above attendance, contact, and affiliation requirements
- Participate in two out of the last three Working Group Letter Ballot Series

Mr. Law noted the meeting this plenary meeting requires a paid registration fee and that attending any of the sessions without paying the fee had adverse consequences.

Membership and attendance recording

Mr. Lewis reviewed the membership and attendance tool procedures.

https://www.ieee802.org/3/minutes/nov24/1124_802_3_closing_plenary.pdf#page=25

Please see <http://ieee802.org/3/rules/index.html> for complete information.

Review of voting membership

Please see https://www.ieee802.org/3/minutes/nov24/1124_voters.pdf

Review of voters in peril

Please see https://www.ieee802.org/3/minutes/nov24/1124_peril.pdf

Review of Potential voters

Please see https://www.ieee802.org/3/minutes/nov24/1124_potential.pdf

The following participants requested voting rights during the closing plenary:

Fan, Qirui	Park, Chul Soo	Swenson, Norman
Han, Ruibo	Royer, Tyler	Vidal, Or
Ho, Matthew	Sekel, Steve	Watanabe, Yojiro

Mr. Lewis displayed a list of the voters that requested voting rights in the closing plenary. Mr. Law asked if any new voters had not been properly recorded. There was no response.

IEEE 802 LAN/MAN Standards Committee items

Mr. Law showed the IEEE 802 LMSC report.

https://www.ieee802.org/3/minutes/nov24/1124_802_3_closing_plenary.pdf#page=28

Liaisons

Review of IEEE 802.3 Working Group liaisons and draft sharing for coordination list

Mr. Law reviewed the IEEE 802.3 Working Group liaisons and draft sharing for coordination list <https://www.ieee802.org/3/minutes/nov24/1124_802_3_closing_plenary.pdf#page=31>. It was noted that since the Gen-Z Consortium had been dissolved, with assets transferred to the

Compute Express Link (CXL) Consortium, the Gen-Z Consortium needs to be removed from the list.

Request for addition to draft sharing for coordination list

It was noted that this item would be covered in the IEEE P802.3dg 100 Mb/s LongReach Single-Pair Ethernet Task Force Closing Report

Appointment of liaison officer

Mr. Law reported that Mr. Chris DiMinico had informed him that he was stepping down from serving as the IEEE 802.3 liaison officer to TIA TR 42. Mr. Law thanked Mr. DiMinico for his many years of service as the liaison officer.

Mr. Law reported that Mr. Bob Voss has indicated that he was willing to serve as the IEEE 802.3 liaison officer to TIA TR 42 moving forward.

MOTION #2

Appoint Bob Voss as the IEEE 802.3 liaison officer to TIA TR 42.

M: Chris DiMinico

S: George Zimmerman

Procedural (>50%)

Y: 102 N: 0 A: 4

Motion Passed, 14:07 PST

External Liaison letters (old)

ITU-T SG15: Access Network Transport (ANT) and Home Network Transport (HNT) Standards

Overviews and Work Plans [liaison letter](#)

ITU-T SG15: Access Network Transport (ANT) Standards Overview and Work Plan [liaison letter](#)

ITU-T SG15: Home Network Transport (HNT) Standards Overview and Work Plan [liaison letter](#)

ITU-T SG15: OTNT Standardization Work Plan Issue 34 [liaison letter](#) and [attachment](#)

External Liaison letters (new)

ASA: Motion Link specification 2.0 to IEEE 802.3dm [liaison letter](#) and [attachment](#)

ITU-T SG 9: DOCSIS-related work items in ITU-T SG9 [liaison letter](#) and attachments [1](#), [2](#) and [3](#)

Mr. Law asked the group if there was any objection to moving the discussion on the “other 802 PARs” until after the liaisons, none responded.

Ultra Accelerator Link Consortium: Introduction and request for liaison relationship [letter](#) and [presentation](#)

Rational for draft-sharing relationship request:

The UALink Consortium has member companies that are working closely to build next generation accelerator interconnects for AI applications. Many of the individual experts within IEEE P802.3dj have common affiliations with the member companies in UALink Consortium. As such the UALink Consortium has significant technical competence and expertise in the application of the technology and specifications that IEEE P802.3dj are defining. They are looking to seamlessly add specification details in technical areas adjacent to the work of IEEE P802.3dj and therefore recognize the importance to align closely with IEEE P802.3dj in order to create these adjacent specifications while not impacting the work of IEEE P802.3dj.

MOTION #3

Establish a draft-sharing relationship between the IEEE 802.3 Ethernet Working Group and the Ultra Accelerator Link Consortium (UA Link)

M: John D'Ambrosia

S: Kent Lusted

Technical ($\geq 75\%$)

Y: 100 N: 0 A: 4

Motion Passed, 14:24 PST

MOTION #4

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_UALink_Redacted.pdf

contingent on approval of draft sharing relationship with UALink, with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to UALink.

M: John D'Ambrosia

S: Kent Lusted

Technical ($\geq 75\%$)

Motion Passed by unanimous consent, 14:26 PST

Other IEEE 802 PARs

Mr. Lusted noted that the PAR comments were submitted by the deadline. Mr. Lusted reviewed the "other 802 PARs" and the comments submitted by 802.3.

Mr. Law reminded attendees to log their attendance in IMAT. He asked if there was anyone that was unable to sign into IMAT. There was no response.

Future Meetings Report – Chad Jones

https://www.ieee802.org/3/minutes/nov24/1124_meetings.pdf

Siemens offer to host – Anup Shah

<https://www.ieee802.org/3/minutes/nov24/IEEE%20802.3%20Minneapolis,%20September%2025%20by%20Siemens%20V3.pdf>

STRAW POLL #1

1. How many people would like to come back to this venue?

Yes – 70

No – 0

2. Did you go to the social?

Yes – 54

No – 18

3. If you attended the Social, did you like the social?

Yes – 41

No – 5

MOTION #5

Move that IEEE 802.3 accept the Siemens offer for the September 2025 interim as detailed in <https://www.ieee802.org/3/minutes/nov24/IEEE%20802.3%20Minneapolis,%20September%2025%20by%20Siemens.pdf>

M: Anup Shah

S: Chad Jones

By rule ($\geq 75\%$)

Motion Passed by unanimous consent, 14:43 PST

Mr. Jones noted that the January interim series

Closing reports:

IEEE 802.3 Maintenance - Adam Healey

https://www.ieee802.org/3/minutes/nov24/1124_maint_close_report.pdf

IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement Task Force - Chad Jones

https://www.ieee802.org/3/minutes/nov24/802d3da_task_force_close_report_1124.pdf

MOTION #6

Move to suspend the requirements in subclause 2.6.2 'Draft Standard Balloting Requirements', item b) of the IEEE 802.3 Ethernet Working Group Operations Manual that the draft '... be made available for preview by the membership at least 10 days prior to the Working Group meeting where the draft will be considered.' until the end of the IEEE 802.3da Task Force item on the 14 November 2024 IEEE 802.3 Closing Plenary agenda.

M: Chad Jones

S: Bob Voss

Procedural (>50%)

Motion Passed by unanimous consent, 14:53 PST

MOTION #7

Move that the IEEE 802.3 Working Group progress the IEEE P802.3da draft 2.0 to Working Group ballot.

M: Chad Jones on behalf of the Task Force

Technical ($\geq 75\%$)

Motion Passed by unanimous consent, 14:55 PST

IEEE P802.3dg 100 Mb/s Long-Reach Single Pair Ethernet Task Force - George Zimmerman

https://www.ieee802.org/3/minutes/nov24/802d3dg_close_report_Nov2024.pdf

Rational for draft-sharing relationship request:

PROFIBUS & PROFINET International (PI) develops, standardizes, and promotes industrial communication and automation technologies. As such, the organization has significant technical competence and expertise in the applications that IEEE P802.3dg is developing. The Joint Working Group - Independent Protocol Physical Layer within PI is developing environment-specific extensions to the technologies that the IEEE P802.3dg Task Force is developing. Additionally, they have developed extensions and have experience relative to 10BASE-T1L, developed by IEEE P802.3cg, the predecessor to IEEE P802.3dg.

MOTION #8

Move to request the IEEE 802.3 working group establish a draft-sharing relationship between the IEEE 802.3 Ethernet Working Group and Profibus & Profinet International.

M: George Zimmerman, on behalf of the IEEE P802.3dg Task Force

Technical ($\geq 75\%$)

Y: 91 N: 0 A: 6

Motion Passed , 15:00 PST

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force closing report – John D’Ambrosia

https://www.ieee802.org/3/minutes/nov24/2411_3dj_closed_report.pdf

MOTION #9

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_OIF_draft_Redacted.pdf

IEEE_802d3_to_ITUT_draft_Redacted.pdf

with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to OIF and ITU-T.

M: John D’Ambrosia

S: Kent Lusted

Technical ($\geq 75\%$)

Y: 102 N: 0 A: 2

Motion Passed , 15:08 PST

The Working Group took a break at 15:09 PST

The group resumed at 15:30 PST

MOTION #10

Move that the IEEE 802.3 Working Group approve the Channel Operating Margin (COM) Code Open Source Project Proposal “Open Source Project Request” in <https://mentor.ieee.org/802-ec/dcn/24/ec-24-0280-00-00EC-com-open-source-proposal-open-source-project-request.pdf>

M: Kent Lusted

S: John D’Ambrosia

Technical ($\geq 75\%$)

Y: 86 N: 0 A: 5

Motion Passed , 15:48 PST

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs Task Force -Yuanqiu Luo

https://www.ieee802.org/3/minutes/nov24/802d3dk_Task_Force_close_report.pdf

MOTION #11

Move to delete the 200GBASE-BR10, 200GBASE-BR20, and 200GBASE-BR40 PHYs from the P802.3dk Task Force objectives

M: Yuanqiu Luo

S: John Johnson

Technical ($\geq 75\%$)

Motion Passed by unanimous consent, 15:55 PST

IEEE P802.3dm Asymmetrical Electrical Automotive Ethernet – Jon Lewis

https://www.ieee802.org/3/minutes/nov24/1124_3dm_close_report.pdf

MOTION #12

Move that the IEEE 802.3 Working Group approve
1124_802d3_to_ASA_draft_Redacted.pdf with editorial license granted to the Chair (or
his appointed agent) as liaison communications from the IEEE 802.3 Working Group to
ASA

M: Jon Lewis on behalf of the Task Force

Technical ($\geq 75\%$)

Motion Passed by unanimous consent, 15:59 PST

IEEE 802.3 Single-Pair Ethernet Powering Cabling Restrictions call for interest – Chad Jones
https://www.ieee802.org/3/minutes/nov24/802d3_EPCR_close_report_1124.pdf

MOTION #13

Move that the IEEE 802.3 Working Group request the re-chartering of the EPCR Study
Group.

M: Chad Jones

S: Bob Voss

By rule ($>50\%$)

Y: 64 N: 0 A: 4

Motion Passed, 16:04 PST

IEEE 802.3 New Ethernet Applications ad hoc – Jon Lewis

MOTION #14

Move to approve:

https://www.ieee802.org/3/ad_hoc/ngrates/IC15-005-06%20New%20Ethernet%20Applications%20ICAID%20Clean%20Version%20Approved%20241004_Redacted.pdf

For the IEEE 802.3 New Ethernet Applications ICAID.

M: John D'Ambrosia

S: Peter Jones

Technical ($\geq 75\%$)

Y: 84 N: 0 A: 6

Motion Passed, 16:09 PST

IEEE 802.3 Call for Interest Pin Optimized PHY Interface Closing Report – Jason Potterf

https://www.ieee802.org/3/minutes/nov24/Potterf_MII_CFI_Closing_Presentation_2024-11-14-final-v02.pdf

MOTION #15

Move that the IEEE 802.3 Working Group request the formation of a Study Group to develop a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for Ethernet Media Independent Interfaces (MII) optimized for an exposed interconnect.

M: Jason Potterf

S: Brian Murray

Technical ($\geq 75\%$)

Y: 84 N: 0 A: 11

Motion Passed, 16:25 PST

Mr. Law asked if there was any additional general business:

Mr. Law announced that as the agenda had been exhausted the meeting was adjourned.

Mr. Law adjourned the meeting at 16:26 PST.

Adjourned.

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Ahuja, Ramanjit	ON Semiconductor	ON Semiconductor	X	X	X	X
Baggett, Tim	Microchip Technology, Inc.	Microchip Technology, Inc.	X	X	X	X
Bar-Niv, Amir	Aquantia Corp	Marvell	X	X		
Beauregard, Francois	Belden Canada ULC	Belden	X	X	X	X
Ben-Artzi, Liav	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.	X	X	X	X
Benyamin, Saied	Ethernovia	Ethernovia	X	X	X	X
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.	X		X	X
Boiger, Christian		Infineon				X
Borda, jamila josip	Employer	Affiliation	X	X	X	X
Boyer, Rich	BMW Group	in-tech GmbH	X	X	X	X
Brandt, David	Aptiv - Signal and Power Solutions	Aptiv Signal and Power Solutions	X	X	X	X
Brown, Matthew	Rockwell Automation	Rockwell Automation	X		X	X
Bruckman, Leon	Alphawave	Alphawave	X	X	X	X
Calvin, John	Huawei Technologies Co., Ltd	Nvidia	X		X	X
Cassan, Dave	Keysight Technologies	Keysight Technologies	X		X	X
Castro, Jose	Alphawave	Alphawave	X		X	X
Chang, Jae-yong	Panduit	Panduit Corp.	X	X	X	X

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Chen, Chan	Keysight Technologies Inc	Keysight Technologies Inc	X		X	X
cheng, weiqiang	Self Employed	Independent/AOI	X		X	
Chini, Ahmad	China Mobile Limited	China Mobile Limited	X	X	X	X
Choudhury, Golam	Broadcom Corporation	Broadcom Corporation	X		X	X
Cole, Christopher R	OFS	OFS			X	X
Cordaro, Jay	Finisar Corporation	Coherent Corp.	X	X	X	X
Cox, Ian		Analog Devices Inc.	X	X	X	X
Dalmia, Kamal		Broadcom Corporation	X	X	X	X
D'Ambrosia, John	Aviva Links Inc	Aviva Links Inc	X		X	X
Dawe, Piers J G	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Affiliate of Huawei	X	X	X	X
de Koos, Andras	NVIDIA	Nvidia	X	X	X	X
Dedic, Charlie	Microchip Technology Inc	Microchip Technology Inc	X	X	X	X
DiBiaso, Eric		1-VIA	X	X	X	X
Diminico, Christopher	TE Connectivity	TE Connectivity	X	X	X	X
Djahanshahi, Hormoz	M C Communications, LLC	Panduit Corp.	X	X	X	X
Dodds, Michael	Microchip Technology, Inc.	Microchip Technology, Inc.	X	X	X	X

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Donahue, Curtis		Leviton Manufacturing Co., Inc.	X		X	X
Dudek, Michael	Rohde & Schwarz	Rohde & Schwarz	X		X	X
Effenberger, Frank	Marvell	Marvell	X	X	X	X
El-Chayeb, Ahmad	Futurewei Technologies	Futurewei Technologies	X	X	X	X
Estes, David	Keysight Technologies Inc	Keysight Technologies Inc	X	X	X	X
Estrakh, Daniel	Spirent Communications	Spirent Communications	X	X	X	X
Fan, Qirui	Valens Semiconductor	Valens Semiconductor		X	X	X
Fazel, Fatemeh		Intel		X		
Fellhauer, Felix	Employer	Affiliation	X	X	X	X
Ferretti, Vincent	Robert Bosch GmbH	Robert Bosch GmbH	X	X	X	X
Fuller, Paul	Corning Incorporated	Corning Incorporated	X	X	X	X
Galan, Jose		Marvell	X	X		
Ganesan, Aravind	MaxLinear, Inc.	MaxLinear, Inc.	X	X		
Gauthier, Claude	Texas Instruments Inc.	Texas Instruments Inc.	X	X	X	X
Geng, Limin	NXP Semiconductors	NXP Semiconductors	X	X	X	X
Ghiasi, Ali	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Gilb, James	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.			X	X
Glanzner, Martin	General Atomics Aeronautical Systems, Inc.	General Atomics Aeronautical Systems, Inc.	X	X	X	X
Goel, Sachin	SEI ANTech-Europe GmbH	SEI Automotive Europe GmbH	X	X	X	X
Gorshe, Steven Scott	Aviva Links Inc	Aviva Links Inc	X		X	X
Goto, Hideki	Microchip Technology, Inc.	Microchip Technology, Inc.	X	X	X	X
Graba, James	Toyota Motor Corporation	Toyota Motor Corporation	X	X	X	X
Graber, Steffen	Broadcom Corporation	Broadcom Corporation	X	X	X	X
Gubow, Martin	Pepperl+Fuchs SE	Pepperl+Fuchs SE	X		X	X
Gui, Tao	Keysight Technologies	Keysight Technologies	X		X	
Haasz, Jodi	IEEE Staff	IEEE Staff		X		
Han, Ruibo	Employer	Affiliation	X	X	X	X
He, Michael		Innolight				X
He, Xiang	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)	X	X	X	X
Healey, Adam	Employer	Affiliation	X	X	X	X

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Heck, Howard	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X
Hidaka, Yasuo	Broadcom Inc.	Broadcom Inc.	X	X	X	X
Hiroaki, Kukita	IEEE member / Self Employed	TE Connectivity	X	X	X	X
Hirose, Takeshi	Credo Semiconductor	Credo Semiconductor	X	X	X	X
Ho, Matthew	Yamaichi Electronics	Yamaichi Electronics			X	X
Hogenmueller, Thomas	AGC Inc.	AGC Inc.	X	X		
Hoshino, Masayuki		TE Connectivity	X	X	X	X
Houck, TJ	Robert Bosch GmbH	Robert Bosch GmbH	X	X	X	X
Hu, Mark		Continental Automotive		X	X	X
Huang, Kechao		Marvell	X	X	X	
Huber, Thomas		Aptiv	X	X	X	X
HYAKUTAKE, YASUHIRO		Huawei Technologies Co., Ltd	X		X	X
Isono, Hideki	Nokia	Nokia	X	X	X	X
Issenhuth, Tom	Orbray Co., Ltd.	Orbray Co., Ltd.	X		X	
Jackson, Kenneth	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited	X		X	X
Johnson, John	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd	X		X	X

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Jones, Chad	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD	X	X	X	X
Jones, Peter	Broadcom Corporation	Broadcom Corporation	X	X	X	X
Jonsson, Ragnar	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	
Kabra, Lokesh	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Kapoor, Samay	Marvell Semiconductor, Inc.	Marvell	X	X	X	X
Kareti, Upen	Synopsys, Inc.	Synopsys, Inc.	X	X	X	X
Kawatsu, Yasuaki	Aviva Links	Aviva Links Inc.	X	X	X	X
Kikuta, Tomohiro	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Kim, Kihong/Joshua	APRESIA Systems	APRESIA Systems	X	X	X	X
Kleinwaechter, Mathias	Orbray Co., Ltd.	Orbray Co., Ltd.	X	X	X	X
Klingensmith, William	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.	X	X	X	X
Kochuparambil, Elizabeth		in-tech GmbH	X		X	X
Kock, Joerg	U.S. Federal Government	U.S. Federal Government	X	X	X	X
Kocsis, Sam	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Kondo, Tajji	NXP Semiconductors	NXP Semiconductors	X	X	X	X
Kotani, Yasuhiro	Amphenol Corporation	Amphenol Corporation			X	X
Kumar, Niraj	Dexerials Corporation	Dexerials Corporation	X	X		
Lackner, Hans	DENSO	DENSO	X	X	X	X

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Lambert, Angela		NXP	X	X	X	X
Landry, Gary	QoSCom GmbH	QoSCom GmbH	X		X	X
Lasry, Ariel	Corning Incorporated	Corning Incorporated	X	X	X	X
Law, David	Texas Instruments Inc.	Texas Instruments Inc.	X	X	X	X
Lee, Sylvanus	Qualcomm Technologies, Inc	Qualcomm Technologies, Inc	X		X	X
Levin, Itamar	Hewlett Packard Enterprise	Hewlett Packard Enterprise	X	X	X	X
Lewis, Jon	Leviton Manufacturing Co.	Leviton Manufacturing Co.	X	X	X	X
LI, ERGE		Intel Corporation	X	X	X	X
Li, Mike-Peng	Dell Technologies	Dell Technologies	X	X	X	X
Li, Pei-Rong	Huawei Technologies Co., Ltd	Huawei	X	X	X	X
Lieder, Eyal	Intel	Intel	X	X	X	X
Lim, Jane	MediaTek Inc.	MediaTek Inc.	X	X	X	
Little, Terrance	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.			X	X
Liu, Cathy	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Liu, Hai-Feng	Foxconn Electronics Inc.	Foxconn Electronics Inc.	X		X	
Liu, Karen	Broadcom Corporation	Broadcom Corporation			X	X
Liu, Qingzhong	HG Genuine	HG Genuine			X	

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
LIU, XIANG	Nubis Communications	Nubis Communications	X	X	X	
Lo, William		Fast Photonics	X			
Lou, Wei		Huawei Technologies Co., Ltd	X	X	X	X
Luo, Yuanqiu	Axonne Inc.	Axonne Inc.	X	X	X	X
Lusted, Kent		Broadcom Corporation	X	X	X	X
Maguire, Valerie	Futurewei Technologies	Futurewei Technologies	X		X	
Maki, Jeffery	Representing myself	Representing myself	X	X	X	X
Malicoat, David	Copperopolis	Copperopolis, affiliated with CME Consulting and Cisco	X	X	X	X
Maniloff, Eric	Juniper Networks, Inc.	Juniper Networks, Inc.	X	X	X	X
Mark, Simon	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components	X		X	X
Marques, Flavio	Ciena Corporation	Ciena Corporation	X		X	X
mash, chris	Wurth Elektronik Group	Wurth Elektronik Group	X	X	X	X
Matheus, Kirsten	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC	X	X	X	X
McClellan, Brett	Nupero Ltd	Ethernovia Inc	X	X	X	X
Mellitz, Richard	BMW Group	BMW Group	X	X		

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
mi, guangcan	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.	X	X	X	X
Moorwood, Charles	Samtec, Inc.	Samtec, Inc.	X			
Mueller, Thomas	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X		
Muhigana, Ernest	Keysight Technologies	Keysight Technologies	X	X	X	X
Muller, Shimon	Rosenberger	Rosenberger	X	X	X	X
Muma, Scott		Lumentum	X		X	X
MURAKAMI, YUKI	Enfabrica Corp.	Enfabrica	X	X	X	X
Murray, Brian		Microchip Technology, Inc.			X	X
Muth, Karlheinz	FUJITSU	FUJITSU	X	X	X	X
Namvar, Nima		Charter		X		
Nering, Raymond	Broadcom Corporation	Broadcom Corporation	X	X	X	X
Ng, Hiok Tiaq	Employer	Affiliation	X	X	X	X
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.	X		X	X
Nicholl, Shawn	Aviva Links Inc.	Aviva Links Inc.	X	X		
NIIHARA, YOSHIHIRO	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Nikolich, Paul	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)			X	
Ninomiya, Tiger	Fujikura Ltd.	Fujikura Ltd.	X	X	X	X

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Noujeim, Leesa	Paul Nikolich	Paul Nikolich; Representing myself	X			
Nowell, Mark	Accelink USA Corporation	Accelink USA Corporation	X	X	X	X
Oberg, Mats	Google	Google	X		X	X
Ofelt, David	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
OGAWA, SHOJI	Marvell Semiconductor, Inc.	Marvell	X	X	X	X
Omori, Kumi	Juniper Networks, Inc.	Juniper Networks, Inc.	X	X	X	X
Opsasnick, Eugene	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited	X	X	X	X
Pal, Debajyoti	NEC Corporation	NEC Corporation	X	X		
Palkert, Thomas	Broadcom Inc.	Broadcom Inc.	X			
Panguluri, Sessa		ON Semiconductor			X	X
PARK, CHUL SOO	Macom, Samtec	Samtec-Macom			X	X
Parkholm, Ulf	Broadcom Corporation	Broadcom Corporation	X	X	X	X
Parsons, Earl	Juniper Networks Inc.	Juniper Networks, Inc.			X	X
Paul, Michael	Telefon AB LM Ericsson	Telefon AB LM Ericsson	X	X	X	X
peng, semmy	CommScope, Inc.	CommScope, Inc.	X		X	X
Pepper, Gerald	Analog Devices Inc.	Analog Devices	X		X	X
Pineda, Luis		Huawei Technologies Co., Ltd	X	X		

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Pischl, Neven	Keysight Technologies	Keysight Technologies	X	X		
Potterf, Jason	LP Tech Advisors, LLC	LP Tech Advisors, LLC (Samsung; 7Rays; Ethernovia)	X		X	X
Quan, Yu	Broadcom Corporation	Broadcom Corporation	X		X	X
Rabinovich, Rick	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Ran, Adee	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X
Rattan, Suhas		1-VIA		X		
Razavi, Alireza	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X		
Ren, Hao	Employer	Affiliation	X	X	X	X
Rodes, Roberto	Marvell	Marvell	X	X	X	X
Royer, Tyler	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd			X	X
Rubin, Amir	II-VI	II-VI	X	X	X	X
Sakai, Toshiaki		Senko Advanced Components	X	X	X	X
Salvekar, Atul		NVIDIA	X			
Savi, Olindo	Socionext Inc.	socionext	X	X	X	X
Schreiner, Stephan	Cadence Design Systems	Cadence	X	X	X	X
Sedarat, Hossein	Hubbell Incorporated	Hubbell Incorporated	X	X		

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Sekel, Steve	Rosenberger Hochfrequenztechnik GmbH & Co. KG	Rosenberger	X	X	X	X
Shah, Anup	Ethernovia	Ethernovia	X	X	X	X
Shakiba, Mohammad		Wilder Technologies	X	X	X	X
Shanbhag, Megha	Siemens Corporation	Siemens EDA	X	X		
Sharma, Rohit	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd	X	X	X	X
She, Qingya	Tyco	TE Connectivity	X	X	X	X
Sheffi, Nir		Molex Incorporated			X	X
Shiino, Masato	Fujitsu Network Communications	Fujitsu Network Communications	X	X	X	X
shirani, ramin	Alphawave	Alphawave	X	X		
Shrikhande, Kapil	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC	X	X		
Shukla, Priyank	Ethernovia	Aquantia	X	X	X	X
Sikkink, Mark	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.			X	X
Simms, William	Synopsys, Inc.	Synopsys, Inc.	X		X	X
sisk, jason	Hewlett Packard Enterprise	Hewlett Packard Enterprise	X		X	X
Slavick, Jeff	NVIDIA Corporation	NVIDIA Corporation	X		X	X

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Sommers, Scott	University of New Hampshire InterOperability Laboratory (UNH-IOL)	University of New Hampshire InterOperability Laboratory (UNH-IOL)	X	X	X	X
Son, Yung Sung	Broadcom Inc	Broadcom Inc			X	X
Sorbara, Massimo	Molex LLC	Molex Incorporated	X	X	X	X
Srivastava, Atul	Optomind Inc	Optomind Inc	X		X	
Stassar, Peter	GLOBALFOUNDRIES	GLOBALFOUNDRIES	X	X	X	X
Stephens, Jeremy	NEL-America	NTT Electronics	X			
Sun, jingcong	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X
Sun, Junqing	Intel	AMD	X	X		
Swenson, Norman		Motorcomm Electronic Technology Co			X	X
TAKAHARA, TOMOO	Credo Semiconductor	Credo Semiconductor	X	X	X	X
TAN, SISI	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Infinera	X	X	X	X
Tan, Yuxuan	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED	X	X	X	X
Tanc, Ahmet	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X		

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Tartaglia, Antonio	Motorcomm	Motorcomm	X	X	X	X
TAZEBAY, MEHMET		NXP Semiconductors; NXP Semiconductors	X	X	X	X
Theodoras, James	Ericsson AB	Ericsson AB	X	X	X	X
Thompson, Geoffrey	Broadcom Corporation	Broadcom Corporation	X		X	X
Tooyserkani, Pirooz	HG Genuine	QXP Technologies	X	X	X	
Torres, Luisma	GraCaSI S.A.	INDEPENDENT	X	X	X	X
Tracy, Nathan	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Tran, Viet	Knowledge Development for Plastic Optical Fiber	Knowledge Development for Plastic Optical Fiber	X	X		
Tu, Mike	TE Connectivity	TE Connectivity	X	X	X	X
Turner, Max	Keysight Technologies	Keysight Technologies	X	X	X	X
Ulrichs, Ed	Broadcom Corporation	Broadcom Corporation			X	X
Veloso Cauce, Gumersindo	Ethernovia	Ethernovia	X	X	X	X
Venkataraman, Srinivas	Intel	Intel	X	X	X	X
Vidal, Or	BMW Group	BMW AG; BMW Group	X	X	X	X
Voss, Robert		Facebook	X	X	X	X
Wang, Haojie	Alphawave Semi	Alphawave Semi	X	X	X	
Wang, Ruoxu	Panduit Corp.	Panduit Corp.	X	X	X	X

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Wang, Shun-Sheng	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)	X	X	X	X
Watanabe, Yojiro	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd			X	X
Welch, Brian	Realtek Semiconductor Corp.	Realtek Semiconductor Corp.	X			
Wienckowski, Natalie		Mitsubishi Electric US, Inc.	X	X	X	X
Wingrove, Michael	Cisco Systems, Inc.	Luxtera	X	X	X	X
Wu, Dance	IVN Solutions LLC	IVN Solutions LLC; Ethernovia	X			
Wu, Mau-Lin	Ciena Corporation	Ciena Corporation	X	X	X	X
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.			X	X
Xu, Yu	MediaTek Inc.	MediaTek Inc.	X	X	X	X
Yamazaki, Kinya	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.	X	X	X	X
Yin, Shuang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	
Zerna, Conrad	APRESIA Systems	APRESIA Systems	X	X	X	X
Zhang, Tingting		Google	X	X	X	X
Zhu, Keyi	Aviva Links Inc	Aviva Links Inc	X	X	X	X

Name	Employer	Affiliation	Opening Plenary		Closing Plenary	
			IMAT	Zoom	IMAT	Zoom
Zhuang, Yan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X
Zimmerman, George		HUAWEI	X	X	X	X
Zivny, Pavel	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X