#### **APPROVED MINUTES**

# IEEE 802.3 Ethernet Working Group Plenary Opening Meeting 10-Mar 2025

https://www.ieee802.org/3/minutes/mar25/index.html

# **MONDAY, 10-MAR 2025**

Minutes were taken by IEEE recording 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 10:15 EDT.

# 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 P802.3.2 (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 IEEE 802.3 Pin-Optimized PHY Interface Study Group: Jason Potterf

#### 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 <a href="https://www.ieee802.org/3/minutes/mar25/0325">https://www.ieee802.org/3/minutes/mar25/0325</a> 802 3 opening 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. Please see

https://www.ieee802.org/3/minutes/mar25/0325 802 3 opening plenary.pdf#page=6.

Mr. Law 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/mar25/0325 802 3 opening plenary.pdf#page=8.

Mr. Law informed the group that the IEEE email reflectors were having issues with specific email addresses and that IEEE was working on the issue.

https://www.ieee802.org/3/minutes/mar25/0325 802 3 opening plenary.pdf#page=10.

# 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 modifications to the draft agenda. There was no response.

# **MOTION #1**

Approve the agenda as posted.

M: J. D'Ambrosia

S: C. Jones

Procedural (> 50%)

Motion Passed by unanimous consent, 10:31 a.m. EDT

## **MOTION #2**

Approve the November 2024 plenary and January 2025 interim minutes as posted.

M: P. Jones

S: B. Voss

Procedural (> 50%)

Motion Passed by unanimous consent, 10:32 a.m. EDT

# Call for patents

Please see:

https://www.ieee802.org/3/minutes/mar25/0325 802 3 opening plenary.pdf#page=12

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/mar25/0325 802 3 opening plenary.pdf#page=17

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. Law reviewed the IEEE SA participation slides.

https://www.ieee802.org/3/minutes/mar25/0325 802 3 opening plenary.pdf#page=20

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.

## **General Working Group business**

Mr. Law explained the membership requirements (gaining):

- Attendance in at least 75% of meeting slots<sup>1</sup> 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

<sup>&</sup>lt;sup>1</sup> 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 <u>plenary</u> 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. Lewis reviewed the membership and attendance tool procedures.

https://www.ieee802.org/3/minutes/mar25/0325 802 3 opening plenary.pdf#page=26

Please see <a href="http://ieee802.org/3/rules/index.html">http://ieee802.org/3/rules/index.html</a> 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/mar25/0325 voters.pdf

Review of voters in peril

Please https://www.ieee802.org/3/minutes/mar25/0325 peril.pdf

Review of Potential voters

Please see https://www.ieee802.org/3/minutes/mar25/0325 potential.pdf

The following participants requested voting rights during the opening plenary:

Ahuja, Ramanjit Landry, Gary Stencel, Leonard Cordaro, Jay Li, Erge Stephens, Jeremy Ganesan, Aravind Rubin, Amir Tanc, Ahmet

Graba, James Salvekar, Atul Venkataraman, Srinivas

Gui, Tao Shanbhag, Megha Yamazaki, Kinya

Kochuparambil, Elizabeth Srivastava, Atul Zhu, Keyi

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.

Val Maguire presented the Working Group treasury report. Please see

https://www.ieee802.org/3/minutes/mar25/0325 treasury.pdf

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

https://www.ieee802.org/3/minutes/mar25/0325 802 3 opening plenary.pdf#page=34

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

https://www.ieee802.org/3/minutes/mar25/0325 802 3 opening plenary.pdf#page=35

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

https://www.ieee802.org/3/minutes/mar25/0325 802 3 opening plenary.pdf#page=37

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 <u>liaison letter</u>

ITU-T SG15: Access Network Transport (ANT) Standards Overview and Work Plan <u>liaison letter</u>

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

ITU-T SG15: LS/r on FlexO payload type for 800GBASE-ER1 liaison letter

## **External Liaison letters (new)**

ASA: Motion Link specification 2.1 to IEEE 802.3dm liaison letter and attachment

OIF: High Density Connector Project liaison letter

# **External Liaison reports**

TIA TR-42 Telecommunications Cabling Systems – Bob Voss

https://www.ieee802.org/3/minutes/mar25/20250310 TIA Liaison Report 802.3.pdf

ITU-T SG15 Networks, technologies and infrastructures for transport, access and home – Tom Huber

Mr. Huber provide a brief verbal report.

## **Opening reports:**

IEEE 802.3 Maintenance - Adam Healey

https://www.ieee802.org/3/minutes/mar25/0325 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/mar25/802d3da task force open report 0325.pdf

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

https://www.ieee802.org/3/minutes/mar25/802d3dg\_open\_report\_Mar2025.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/mar25/2503 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/mar25/802d3dk Task Force open report 2025MarPlenary.pdf

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

https://www.ieee802.org/3/minutes/mar25/0325\_3dm\_open\_report.pdf

IEEE P802.3.2 (IEEE 802.3.2a) YANG Data Model (Revision) Task Force - Marek Hajduczenia

https://www.ieee802.org/3/minutes/mar25/802d3 task force 802.3.2 opening.pdf

IEEE 802.3 Pin-Optimized PHY Interface Study Group Study Group opening report – Jason Potterf

https://www.ieee802.org/3/minutes/mar25/POPI Plenary Opening Report 2025-03-10.pdf

Mr. Law asked that Mr. Potterf move the Working Group motion to the closing report.

IEEE 802.3 New Ethernet Applications Ad Hoc – Jon Lewis

https://www.ieee802.org/3/minutes/mar25/0325 NEA open report.pdf

IEEE 802.3 Power Delivery Coordinating Committee Ad Hoc - Chad Jones

https://www.ieee802.org/3/minutes/mar25/PDCC adhoc open report 0325.pdf

IEEE 802.3 Channel Operating margin (COM) opening report – Kent Lusted

https://www.ieee802.org/3/minutes/mar25/0325 COM ad hoc open report.pdf

Room assignments and Subgroup schedules. Mr. Jones shared how to find the meeting room locations for the week and gave the location on the website for the online schedule.

Mr. Jones announced that lunches are provided and would be on the 1<sup>st</sup> floor.

Mr. D'Ambrosia announced that he will be going to present at 802.1 Nendica concerning the E4AI activity in IEEE 802.3.

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

Mr. Law adjourned the meeting at 12:18 EDT.

Adjourned.

#### **UNAPPROVED MINUTES**

# IEEE 802.3 Ethernet Working Group Plenary Closing Meeting 13-Mar 2025

https://www.ieee802.org/3/minutes/mar25/index.html

# **THURSDAY, 13-MAR 2025**

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 EDT.

https://www.ieee802.org/3/minutes/mar25/0325 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 P802.3.2 (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 IEEE 802.3 Pin-Optimized PHY Interface Study Group: Jason Potterf

# **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

IEEE-SA Program manager introduced Jennifer Santulli who will be at the July 2025 plenary meeting IEEE-SA representative.

# **Working Group Decorum**

Mr. Law introduced the Working Group decorum as described in the opening report. Please see https://www.ieee802.org/3/minutes/mar25/0325 802 3 closing plenary.pdf#page=4.

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/mar25/0325 802 3 closing plenary.pdf#page=7.

Mr. Law informed the group that the March 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/mar25/0325 802 3 closing plenary.pdf#page=9.

# 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: Bob Voss S: Chad Jones

Procedural (> 50%)

Motion Passed by unanimous consent, 13:26 EDT

# Call for patents

Please see

https://www.ieee802.org/3/minutes/mar25/0325 802 3 closing plenary.pdf#page=12

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/mar25/0325 802 3 closing plenary.pdf#page=17

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/mar25/0325 802 3 closing plenary.pdf#page=20

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 slots<sup>2</sup> 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

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<sup>&</sup>lt;sup>2</sup> There are four IMAT meeting slots during the day during plenary and credited interim 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

# 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/mar25/0325 802 3 closing plenary.pdf#page=26

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

# Review of voting membership

Please https://www.ieee802.org/3/minutes/mar25/0325 voters.pdf

Review of voters in peril

Please https://www.ieee802.org/3/minutes/mar25/0325 peril.pdf

#### Review of Potential voters

Please see <a href="https://www.ieee802.org/3/minutes/mar25/0325">https://www.ieee802.org/3/minutes/mar25/0325</a> potential.pdf

The following participants requested voting rights during the closing plenary:

Lieder, Eyal

Rysin, Alexander

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/mar25/0325 802 3 closing plenary.pdf#page=29

# Liaisons

Request for addition to draft sharing for coordination list

It was noted that this item would be covered in the IEEE New Ethernet Applications ad hoc Closing Report

# **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 <u>liaison</u> letter

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

ITU-T SG15: LS/r on FlexO payload type for 800GBASE-ER1 liaison letter

## **MOTION #2**

Move that the Working Group approve:

draft-IEEE\_802d3\_to\_ITU\_SG15\_OTNT\_0325-v3\_Redacted.pdf draft-IEEE\_802d3\_to\_SG15\_ANT\_0325\_v2\_Redacted.pdf IEEE 802d3 to SG15 HNT 0325 Redacted.pdf

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

M: John D'Ambrosia

S: George Zimmerman

Procedural (>50%)

Y: 97 N: 0 A: 2

Motion Passed, 14:03 EDT

# **External Liaison letters (new)**

ASA: Motion Link specification V2.1 <u>liaison letter</u> and <u>attachment</u>

OIF: High Density Connector Project liaison letter

Mr. D'Ambrosia noted that no response is necessary.

UEC: Ultra-Ethernet Consortium Ethernet Extensions liaison letter

Mr. D'Ambrosia noted that no response is necessary.

#### 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.

ISO/IEC SC25/WG3 Customer Premises Cabling Report – James Withey

https://www.ieee802.org/3/minutes/mar25/SC25WG3\_Liaison\_to\_IEEE802d3\_March2025\_Withey.pdf

# <u>Future Meetings Report – Chad Jones</u>

https://www.ieee802.org/3/minutes/mar25/0325 future meetings.pdf

Future Meetings Straw Poll:

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

Yes: 22 No: 23

Did you go to the social?

Yes: 53 No: 5

If you attended the social, did you like the social?

Yes: 50 No: 1

Dell Technologies offer to host – Jon Lewis

https://www.ieee802.org/3/minutes/mar25/0325 Dell 0126 proposal to host.pdf

#### **MOTION #3**

Move that IEEE 802.3 accept the Dell Technology offer for the January 2026 interim as detailed in

https://www.ieee802.org/3/minutes/mar25/0325 Dell 0126 proposal to host.pdf

M: Chad Jones S: Bob Voss

By rule (≥75%)

Motion Passed by unanimous consent, 14:25 EDT

Mr. Gilb noted that during the future meetings report this morning that a 1-1-1 (1 North America; 1 Asia; 1 EMEA) planning schedule is being considered for 802 plenary meetings.

Straw Poll #2: I support a 1-1-1 (1 North America – 1 Asia – 1 EMEA) plan for 802 plenaries per year?

Yes: 41 + 75 = 116No: 8 + 18 = 26

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.

# **Closing reports:**

IEEE 802.3 Maintenance - Adam Healey

https://www.ieee802.org/3/minutes/mar25/0325 maint close report.pdf

## **MOTION #4**

Approve the IEEE P802.3-2022/Cor 2 corrigendum PAR in https://mentor.ieee.org/802-ec/dcn/25/ec-25-0065-00-LMSC-ieee-p802-3-2022-cor-2-draft-par.pdf.

M: L. Torres S: A. Healey

Technical ( $\geq$  75%)

Yes: 85 No: 1 Abstain: 8 (1 additional Yes vote added to DVL results)

Motion Passed, 14:45 EDT

IEEE P802.3da 10 Mb/s Single Pair Multidrop Segments Enhancement Task Force - Chad Jones <a href="https://www.ieee802.org/3/minutes/mar25/802d3da\_task\_force\_close\_report\_0325.pdf">https://www.ieee802.org/3/minutes/mar25/802d3da\_task\_force\_close\_report\_0325.pdf</a>

IEEE P802.3dg 100 Mb/s Long-Reach Single Pair Ethernet Task Force - George Zimmerman https://www.ieee802.org/3/minutes/mar25/802d3dg\_close\_report\_Mar2025.pdf

# **MOTION #5**

Move to liaise IEEE P802.3dg D1.0 to ISO/IEC JTC 1/SC 25/WG 3 and TIA TR42 when available.

M: George Zimmerman

S: Bob Voss

Technical (≥75%)

Motion Passed by unanimous consent, 14:49 EDT

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/mar25/2503 3dj closed report.pdf

# **MOTION #6**

Move that the IEEE 802.3 Working Group approve:

IEEE 802d3 to ITU 3dj 2503 Redacted.pdf

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

M: John D'Ambrosia

S: Kent Lusted

Technical (≥75%)

Y: 98 N: 0 A: 4 (1 additional Yes vote added to DVL results)

Motion Passed, 15:00 EDT

#### **MOTION #7**

Move that IEEE 802.3 Working Group establish a draft sharing relationship between the IEEE 802.3 Ethernet Working Group and the Ultra Ethernet Consortium (UEC).

M: John D'Ambrosia

S: Mark Nowell

Technical (≥75%)

Y: 91 N: 0 A: 5

Motion Passed, 15:04 EDT

The Working Group took a break at 15:07 EDT

The group resumed at 15:40 EDT

IEEE P802.3dk Greater than 50 Gb/s Bidirectional Optical Access PHYs Task Force -Yuanqiu Luo https://www.ieee802.org/3/minutes/mar25/802d3dk Task Force close report.pdf

#### **MOTION #8**

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

M: Yuanqiu Luo on behalf of the Task Force

Technical ( $\geq 75\%$ )

Motion Passed by unanimous consent, 15:43 EDT

Geoff Thompson asked to be recorded as an abstention on this motion

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

https://www.ieee802.org/3/minutes/mar25/0325 3dm close report.pdf

## **MOTION #9**

Move that the IEEE 802.3 Working Group approve

0325\_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, 15:50 EDT

IEEE P802.3.2a Task Force Report

https://www.ieee802.org/3/minutes/mar25/802d3 task force 802.3.2 closing.pdf

#### **MOTION #10**

Conditionally approve sending IEEE P802.3.2 (IEEE 802.3.2a) YANG Data Model Definitions (Revision) to RevCom.

M: Peter Jones

S: George Zimmerman

Technical ( $\geq 75\%$ )

Y: 73 N: 0 A: 5

Motion Passed, 15:58 EDT

IEEE 802.3 Single-Pair Ethernet Powering Cabling Restrictions call for interest – Chad Jones <a href="https://www.ieee802.org/3/minutes/mar25/802d3">https://www.ieee802.org/3/minutes/mar25/802d3</a> EPCR close report 0325.pdf

## **MOTION #11**

Move that the IEEE 802.3 Working Group approve the PAR, CSD, and Objectives for IEEE P802.3dp as found in the documents posted here:

PAR: https://mentor.ieee.org/802-ec/dcn/25/ec-25-0020-03-LMSC-draft-ieee-p802-3dp-par.pdf CSD: https://mentor.ieee.org/802-ec/dcn/25/ec-25-0021-01-LMSC-draft-ieee-p802-3dp-csd.pdf

Objectives: https://www.ieee802.org/3/EPCR/public/2501/EPCR Objectives V2.pdf

M: Chad Jones

S: Peter Jones

Technical (≥75%) Y: 78 N: 0 A: 7

Motion Passed, 16:07 EDT

# **MOTION #12**

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: 73 N: 0 A: 6

Motion Passed, 16:09 EDT

## **MOTION #13**

Motion: grant a six-month extension of the EPCR Study Group.

M: Chad Jones

S: Geoff Thompson

By rule (>50%) Y: 83 N: 0 A: 4

Motion Passed, 16:11 EDT

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

# **MOTION #14**

Motion: grant a six-month extension of the EPCR Study Group.

M: Jason Potterf on behalf of the POPI Study Group

By rule (>50%)

Y: 84 N: 0 A: 10

Motion Passed, 16:13 EDT

IEEE 802.3 New Ethernet Applications ad hoc – Jon Lewis

https://www.ieee802.org/3/minutes/mar25/0325 NEA close report.pdf

#### **MOTION #15**

Establish a liaison relationship with Open Compute Project (OCP) Foundation, Ultra Ethernet Consortium (UEC), UALink Consortium, Storage Networking Industry Association (SNIA)/Small Form Factor (SFF) Committee, and Ethernet Alliance

# Appoint:

- John D'Ambrosia as the IEEE 802.3 Liaison Officer to OCP Foundation
- Mark Nowell as the IEEE 802.3 Liaison Officer to UEC
- Kent Lusted as the IEEE 802.3 Liaison Officer to UALink Consortium
- Tom Palkert as the IEEE 802.3 Liaison Officer to SNIA/SFF Committee
- Peter Jones as the IEEE 802.3 Liaison Officer to Ethernet Alliance
- Nathan Tracy as the IEEE 802.3 Liaison Officer to Optical Interworking Forum (OIF)

M: John D'Ambrosia

S: Kent Lusted

Technical ( $\geq 75\%$ )

Y: 83 N: 2 A:7

Motion Passed, 16:25 EDT

#### **MOTION #16**

The IEEE 802.3 WG approve:

IEEE\_802d3\_to\_UAL\_UEC\_OCP\_SFF\_EA\_OIF\_2503\_Redacted.pdf

with editorial license granted to the Chair (or his appointed agent) as a liaison communication from the IEEE 802.3 Working Group to

- Open Compute Project (OCP) Foundation
- UALink Consortium
- Ultra Ethernet Consortium (UEC)
- SNIA / SFF
- Ethernet Alliance
- Optical Interworking Forum (OIF)

M: John D'Ambrosia

S: Kent Lusted

Technical ( $\geq 75\%$ )

Y: N: A:

Motion Passed by unanimous consent, 16:33 EDT

Nathan Tracy noted that the OIF is having a 400 Gbps workshop on April 15 and 16<sup>th</sup> in Santa Clara, CA.

Mr. Law noted that he would appoint Luisma Torres Chair of IEEE P802.3-2022/Cor 2 corrigendum (P802.3dr) once the PAR is approved.

#### Awards:

IEEE 802.3-2022/Cor 1-2024 IEEE Standard for Ethernet - Corrigendum 1 - Multi-Gigabit Automotive Medium Dependent Interface (MDI) Return Loss - Brett McClellan

IEEE Std 802.3.1-2024 IEEE Standard for Ethernet Structure of Management Information version 2 (SMIv2) Data Model Definitions – David Law and Jon Lewis for Marek Hajduczenia

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 16:46 EDT.

Adjourned.

# Attendance:

		Affiliation	IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name	Employer		IMAT	Zoom	IMAT	Zoom
Agarwal, Uttam	Texas Instruments Inc.	Texas Instruments Inc.	X	X	X	X
Ahuja, Ramanjit	ON Semiconductor	ON Semiconductor	X	X	X	X
Akinwale, Oluwafemi		Intel Corporation	X	X	X	X
Aronson, Joseph	Texas Instruments Inc.	Texas Instruments Inc.	X	X	X	X
Baggett, Tim	Microchip Technology, Inc.	Microchip Technology, Inc.	X		X	X
Bar-Niv, Amir	Aquantia Corp	Marvell			X	X
Beauregard, François	Belden Canada ULC	Belden	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
Boyer, Rich	Aptiv - Signal and Power Solutions	Aptiv Signal and Power Solutions	X		X	X
Brandt, David	Rockwell Automation	Rockwell Automation	X	X	X	X
Brooks, Paul	Viavi solutions GmbH	Viavi Solutions	X		X	X
Brown, Matthew	Alphawave	Alphawave	X		X	X
Bruckman, Leon	NVIDIA	NVIDIA	X	X		
Brychta, Michal	Analog Devices Inc.	Analog Devices Inc.	X	X		
Calvin, John	Keysight Technologies	Keysight Technologies	X	X	X	X
Castro, Jose	Panduit	Panduit Corp.	X	X	X	X

			IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name	Employer	Affiliation	IMAT	Zoom	IMAT	Zoom
Chan, Jason		Arista Networks	X	X	X	X
Chang, Jae-yong	Keysight Technologies Inc	Keysight Technologies Inc			X	X
Chen, Chan	Self Employed	Independent/AOI	X	X	X	X
Chimento, Nicholas		Analog Devices Inc.	X	X	X	X
Chini, Ahmad	Broadcom Corporation	Broadcom Corporation	X	X	X	X
Choudhury, Golam	OFS	OFS	X	X	X	X
Cole, Christopher R	Finisar Corporation	Coherent Corp.	X	X		
Cordaro, Jay		Analog Devices Inc.	X	X	X	X
Cox, Ian		Broadcom Corporation			X	X
Dalmia, Kamal	Aviva Links Inc	Aviva Links Inc	X	X	X	X
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Affiliate of Huawei	X	X	X	X
Dawe, Piers J G	NVIDIA	Nvidia	X	X	X	X
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc	X	X	X	X
Donahue, Curtis	Rohde & Schwarz	Rohde & Schwarz	X	X	X	X
Dudek, Michael	Marvell	Marvell	X		X	
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies	X	X	X	X
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc	X	X	X	X
Estrakh, Daniel	Valens Semiconductor	Valens Semiconductor	X	X	X	X
Fellhauer, Felix	Robert Bosch GmbH	Robert Bosch GmbH	X	X	X	X

			IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name	Employer	Affiliation	IMAT	Zoom	IMAT	Zoom
Ferretti, Vincent	Corning Incorporated	Corning Incorporated	X	X	X	X
Fuller, Paul		Marvell	X	X	X	X
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.	X	X	X	X
Ganesan, Aravind	Texas Instruments Inc.	Texas Instruments Inc.	X	X		
Gauthier, Claude	NXP Semiconductors	NXP Semiconductors	X	X	X	X
Gay, Josh	IEEE Standards Association (IEEE-SA)	IEEE SA	X			
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.	X	X	X	X
Gibson, Edward	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.			X	X
Gilb, James	General Atomics Aeronautical Systems, Inc.	General Atomics Aeronautical Systems, Inc.			X	
Goel, Sachin	Aviva Links Inc	Aviva Links Inc	X	X	X	X
Gopal, Amrit	Ford Motor Company	Ford Motor Company	X	X	X	X
Gore, Brandon	Samtec, Inc.	Samtec, Inc.	X		X	
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.	X	X	X	X
Goto, Hideki	Toyota Motor Corporation	Toyota Motor Corporation	X	X	X	X
Graba, James	Broadcom Corporation	Broadcom Corporation	X	X	X	X
Graber, Steffen	Pepperl+Fuchs SE	Pepperl+Fuchs SE	X	X	X	X

			IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name	Employer		IMAT	Zoom	IMAT	Zoom
Gui, Tao		Huawei Technologies Co., Ltd	X	X	X	
Gupta, Ajeya		General Motors Company			X	X
Han, Ruibo	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)		X	X	X
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X
Healey, Adam	Broadcom Inc.	Broadcom Inc.	X	X	X	X
Heck, Howard	TE Connectivity	TE Connectivity	X		X	X
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor	X	X	X	X
Ho, Matthew		TE Connectivity	X	X		
Hon, Kam Yan		Cisco Systems, Inc.	X	X	X	X
Hoshino, Masayuki		Continental Automotive	X	X	X	X
Houck, TJ	Marvell Semiconductor, Inc.	Marvell	X	X	X	X
Hu, Mark		Aptiv		X	X	X
Huber, Thomas	Nokia	Nokia	X		X	
Hutchins, Jeff	Ranovus	Ranovus		X	X	X
HYAKUTAKE, YASUHIRO	Orbray Co., Ltd.	Orbray Co., Ltd.	X		X	X
Isono, Hideki	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited	X	X	X	X

		Affiliation	IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name	Employer		IMAT	Zoom	IMAT	Zoom
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd	X		X	
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD	X	X	X	X
Johnson, John	Broadcom Corporation	Broadcom Corporation	X	X	X	X
Jones, Chad	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Jones, Peter	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Jonsson, Ragnar	Marvell Semiconductor, Inc.	Marvell	X	X	X	X
Kabra, Lokesh	Synopsys, Inc.	Synopsys, Inc.	X			X
Kagami, Manabu	Nagoya Institute of Technology	Nagoya Institute of Technology (NITech)	X	X	X	X
Kapoor, Samay	Aviva Links	Aviva Links Inc.			X	X
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Kikuta, Tomohiro	Orbray Co., Ltd.	Orbray Co., Ltd.	X	X	X	X
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.		X	X	X
Kim, Yongbum	Tenstorrent	General Motors Company	X	X	X	X
Kleinwaechter, Mathias	in-tech GmbH	in-tech GmbH	X	X	X	X
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.	X		X	X
Kock, Joerg	NXP Semiconductors	NXP Semiconductors	X	X	X	X
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation	X	X	X	X

			IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name	Employer	Affiliation	IMAT	Zoom	IMAT	Zoom
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation	X	X	X	X
Kotani, Yasuhiro	DENSO	DENSO	X	X	X	X
Krishnasamy, Kumaran	Broadcom Corporation	Broadcom Corporation	X	X		
Lackner, Hans	QoSCom GmbH	QoSCom GmbH	X	X	X	X
Lambert, Angela	Corning Incorporated	Corning Incorporated	X	X	X	X
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.	X	X	X	X
Lasry, Ariel	Qualcomm Technologies, Inc	Qualcomm Technologies, Inc	X	X	X	X
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise	X	X	X	X
Lee, Ching-Yen		Realtek Semiconductor Corp.	X	X		
Lee, Sylvanus	Leviton Manufacturing Co.	Leviton Manufacturing Co.	X	X	X	X
Lessard, Stephane		Ericsson AB	X		X	X
Levin, Itamar	Altera Corporation, an Intel company	Altera Corporation, an Intel company	X	X	X	X
Lewis, Jon	Dell Technologies	Dell Technologies	X	X	X	X
LI, ERGE	Huawei Technologies Co., Ltd	Huawei	X	X		
Li, Mike-Peng	Intel	Intel	X	X	X	X
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.	X	X	X	X
Lieder, Eyal	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.	X	X	X	X
Lim, Jane	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X

		Affiliation	IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name	Employer		IMAT	Zoom	IMAT	Zoom
Lin, YK		Realtek Semiconductor Corp.	X	X		X
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.			X	X
Liu, Cathy	Broadcom Corporation	Broadcom Corporation	X	X	X	X
Liu, Hai-Feng	HG Genuine	HG Genuine	X	X	X	
Liu, Karen	Nubis Communications	Nubis Communications			X	X
Lo, William	Axonne Inc.	Axonne Inc.	X	X		
Long, Richard		TE Connectivity	X		X	X
Lou, Wei		Broadcom Corporation	X	X	X	X
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies	X	X	X	X
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.	X	X	X	X
Maguire, Valerie	Copperopolis	Copperopolis, affiliated with CME Consulting and Cisco	X	X	X	X
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.	X	X	X	X
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components	X	X	X	X
Maniloff, Eric	Ciena Corporation	Ciena Corporation	X	X	X	X
Marques, Flavio	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC	X	X	X	X
Marris, Arthur	Cadence Design Systems, Inc.	Cadence Design Systems, Inc.	X		X	X
Martino, Kjersti	Inneos	Inneos	X	X	X	X

		Affiliation	IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name	Employer		IMAT	Zoom	IMAT	Zoom
Matheus, Kirsten	BMW Group	BMW Group	X	X	X	X
McClellan, Brett	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.	X	X	X	X
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.	X	X	X	X
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X
Moorwood, Charles	Keysight Technologies	Keysight Technologies	X	X	X	X
Muhigana, Ernest	Lumentum LLC	Lumentum	X	X	X	X
Muller, Shimon	Enfabrica Corp.	Enfabrica	X	X	X	X
MURAKAMI, YUKI	FUJITSU	FUJITSU		X	X	X
Murray, Brian	Analog Devices Inc.	Analog Devices Inc.			X	X
Murty, Ramana	Broadcom Inc.	Broadcom Corporation	X	X	X	X
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation	X	X	X	X
Nakamoto, Edward	Spirent Communications	Spirent Communications	X	X		
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Ng, Hiok Tiaq	Aviva Links Inc.	Aviva Links Inc; Aviva Links Inc.	X	X	X	X
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)	X	X	X	X
NIIHARA, YOSHIHIRO	Fujikura Ltd.	Fujikura Ltd.	X	X	X	X
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation	X	X	X	X

			IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name	Employer	Affiliation	IMAT	Zoom	IMAT	Zoom
Noujeim, Leesa	Google	Google	X		X	X
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Oberg, Mats	Marvell Semiconductor, Inc.	Marvell	X	X	X	X
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.	X	X	X	X
OGAWA, SHOJI	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited	X	X	X	
Omori, Kumi	NEC Corporation	NEC Corporation	X	X	X	X
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.	X	X	X	X
Palkert, Thomas		Samtec-Macom	X		X	X
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB	X	X	X	X
Parsons, Earl	CommScope, Inc.	CommScope, Inc.	X	X	X	X
Parthasarathy, Vasu	Broadcom Corporation	Broadcom Corporation			X	
Paul, Michael	Analog Devices Inc.	Analog Devices	X	X		X
peng, semmy		Huawei Technologies Co., Ltd	X	X	X	X
Phadke, Rohan		Arista Networks	X	X	X	X
Pineda, Luis	LP Tech Advisors, LLC	LP Tech Advisors, LLC; 7Rays/Ethernovia/Samsung/OneNav	X	X	X	X
Pinto, Anthony		CoMira Solutions	X	X	X	X
Pischl, Neven	Broadcom Corporation	Broadcom Corporation	X	X		
Potterf, Jason	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X

		Affiliation	IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name	Employer		IMAT	Zoom	IMAT	Zoom
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X		X
Rabinovich, Rick	Keysight Technologies	Keysight Technologies	X	X	X	X
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Razavi, Alireza	Marvell	Marvell	X	X	X	X
Reinhard, Michael	SEI Automotive Europe GmbH	SEI Automotive Europe GmbH	X	X	X	X
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X
Rodes, Roberto	II-VI	II-VI	X	X	X	X
Royer, Tyler	SENKO Advanced Components	Senko Advanced Components	X	X	X	X
Rubin, Amir		NVIDIA	X	X	X	X
Rysin, Alexander	NVIDIA	NVIDIA			X	X
Sakai, Toshiaki	Socionext Inc.	socionext	X	X	X	X
Salvekar, Atul	Cadence Design Systems	Cadence	X		X	X
Sambasivan, Sam	AT&T	AT&T	X	X	X	X
Savi, Olindo	Hubbell Incorporated	Hubbell Incorporated	X	X	X	X
Schreiner, Stephan	Rosenberger Hochfrequenztechnik GmbH & Co. KG	Rosenberger	X	X	X	X
Sekel, Steve	Wilder Technologies	Wilder Technologies	X	X	X	X

			IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name	Employer	Affiliation	IMAT	Zoom	IMAT	Zoom
Shah, Anup	Siemens Corporation	Siemens EDA	X	X	X	X
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd	X	X	X	X
Shanbhag, Megha	Тусо	TE Connectivity	X	X	X	X
Sharma, Rohit		Molex Incorporated	X	X	X	
She, Qingya	Fujitsu Network Communications	Fujitsu Network Communications	X	X	X	X
Shiino, Masato	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC	X	X	X	X
shirani, ramin	Ethernovia	Aquantia	X	X	X	X
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.	X		X	X
Sikkink, Mark	Hewlett Packard Enterprise	Hewlett Packard Enterprise	X	X	X	X
Simms, William	NVIDIA Corporation	NVIDIA Corporation	X	X	X	X
sisk, jason	University of New Hampshire InterOperability Laboratory (UNH-IOL)	University of New Hampshire InterOperability Laboratory (UNH-IOL)	X	X	X	X
Slavick, Jeff	Broadcom Inc	Broadcom Inc	X		X	X
Smith, Evan	Tektronix, Inc.	Tektronix, Inc.	X		X	X
Sommers, Scott	Molex LLC	Molex Incorporated	X	X	X	X
Son, Yung Sung	Optomind Inc	Optomind Inc	X	X	X	X
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDIRES	X	X	X	X
Srivastava, Atul	NEL-America	NTT Electronics	X		X	

			IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name	Employer	Affiliation	IMAT	Zoom	IMAT	Zoom
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X
Stencel, Leonard		TDK Corporation of America	X	X	X	X
Stephens, Jeremy	Intel	AMD	X		X	X
Sun, jingcong		Motorcomm Electronic Technology Co	X	X	X	X
Sun, Junqing	Credo Semiconductor	Credo Semiconductor	X	X		
Sun, Yi		OFS	X	X	X	X
svendsen, justin		CI			X	
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Nokia	X	X	X	X
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED	X	X	X	X
TAKEUCHI, JUNICHI	JAE Electronics, Inc	JAE Electronics, Inc.		X	X	X
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X		X	X
Tan, Yuxuan	Motorcomm	Motorcomm	X	X		
Tanc, Ahmet		NXP Semiconductors; NXP Semiconductors	X	X	X	X
Tartaglia, Antonio	Ericsson AB	Ericsson AB	X	X	X	X
TAZEBAY, MEHMET	Broadcom Corporation	Broadcom Corporation	X		X	X
Thompson, Geoffrey	GraCaSI S.A.	INDEPENDENT	X	X	X	X

	Employer	Affiliation	IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name			IMAT	Zoom	IMAT	Zoom
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.	X	X	X	X
Torres, Luisma	Knowledge Development for Plastic Optical Fiber	Knowledge Development for Plastic Optical Fiber	X	X	X	X
Tracy, Nathan	TE Connectivity	TE Connectivity	X	X	X	X
Tran, Viet	Keysight Technologies	Keysight Technologies	X	X	X	X
Tu, Mike	Broadcom Corporation	Broadcom Corporation	X	X	X	X
Turner, Max	Ethernovia	Ethernovia	X	X	X	X
Ulrichs, Ed	Intel	Intel	X	X	X	X
Vakilian, Kambiz	Broadcom Corporation	Broadcom Corporation	X	X	X	X
Veloso Cauce, Gumersindo	BMW Group	BMW AG; BMW Group	X	X	X	X
Venkataraman, Srinivas		Facebook	X	X		
Voss, Robert	Panduit Corp.	Panduit Corp.	X		X	X
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)	X	X	X	X
Wang, Shun-Sheng	Realtek Semiconductor Corp.	Realtek Semiconductor Corp.	X	X	X	X
WANG, Xuebo		Huawei Technologies Co., Ltd	X	X		X
Watanabe, Yojiro	Mitsubishi Electric US, Inc.	Mitsubishi Electric US, Inc.	X	X	X	X
Weaver, James	Arista Networks	Arista Networks	X	X	X	X

			IEEE 802.3 Opening plenary meeting		IEEE 802.3 Closing plenary meeting	
Name	Employer	Affiliation	IMAT	Zoom	IMAT	Zoom
Welch, Brian	Cisco Systems, Inc.	Luxtera			X	X
Wienckowski, Natalie	IVN Solutions LLC	IVN Solutions LLC; Ethernovia	X	X	X	X
Withey, James	Fluke Corporation	Fluke Corporation	X	X	X	X
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.	X	X	X	X
XU, LI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems	X	X	X	X
Yin, Shuang		Google	X	X	X	
Zerna, Conrad	Aviva Links Inc	Aviva Links Inc	X	X	X	X
Zhang, Tingting	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X
Zhu, Keyi		HUAWEI	X	X	X	X
Zhuang, Yan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd	X	X	X	X
Zimmerman, George	CME Consulting, Inc.	CME Consulting/Analog Devices, APL Group, Cisco, Marvell, OnSemi, SenTekSe LLC, Sony	X	X	X	X
Zuo, Mingqing		China Mobile Research Institute	X	X		

# Opening Plenary Zoom attendance not in IMAT:

Name (original name)			
Franz Amtmann, NXP			
Michael He [TeraHop] (Michael He, TeraHop)			
Tom Mitcheltree - US Conec			
Isaac Molina [Analog Devices] (Isaac Molina)			
Fabrice Portier [SiLabs] (Fabrice Portier)			
raquel renno - Article 19 (raquelrenno)			
Nir Sheffi [Alphawave]			
yuchi tian (CMCC)			
Mike Wingrove [Ciena] he/him/his			
Chares Wu [OmniVision Tech] (Chares Wu)			
Ching-Yao Su [Realtek]			

# Closing Plenary Zoom attendance not in IMAT:

Name (original name)			
Samay			
Enya Ahuja			
Jodi Haasz (IEEE SA)			
Sandra Maru [IEEE SA] (Sandra Maru)			
AtulSrivastava [NEL-A]			
Jen Santulli [IEEE SA]			
Greg Spray - Marvell (Greg Spray)			
Yuchi Tian (CMCC)			