APPROVED MINUTES

IEEE 802.3 Ethernet Working Group

Plenary Opening Meeting

28-Jul 2025

https://www.ieee802.org/3/minutes/jul25/index.html

MONDAY, 28-JUL 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 11:15 CEST.

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: Natalie Wienckowski
IEEE P802.3dp Cabling Restrictions for Single Pair Power over Ethernet: Chad Jones
IEEE Std 802.3-2022/Cor 2 (IEEE 802.3dr) Optical Automotive Ethernet TDFOM: Luisma Torres
IEEE P802.3.2 (IEEE 802.3.2a) YANG Data Model Definitions (revision): Marek Hajduczenia

IEEE 802.3 Study Group chair

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

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in the opening report. Please see https://www.ieee802.org/3/minutes/jul25/0725_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/jul25/0725_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/jul25/0725_802_3_opening_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 modifications to the draft agenda. There was no response.

MOTION #1

Approve the agenda as posted.

M: B. Voss S: K. Lusted

Procedural (> 50%)

Motion Passed by unanimous consent 28-Jul 2025, 11:25 a.m. CEST

MOTION #2

Approve the March 2025 plenary and May 2025 interim minutes as posted.

M: K. Lusted S: J. D'Ambrosia

Procedural (> 50%)

Motion Passed by unanimous consent 28-Jul 2025, 10:27 a.m. CEST

Call for patents

Please see:

https://www.ieee802.org/3/minutes/jul25/0725_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/jul25/0725_802_3_opening_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/jul25/0725_802_3_opening_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.

General Working Group business

Mr. Law explained the membership requirements (gaining):

- Attendance in at least 75% of meeting slots[1] 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. Lewis reviewed the membership and attendance tool procedures.

https://www.ieee802.org/3/minutes/jul25/0725_802_3_opening_plenary.pdf#page=25

Please see http://ieee802.org/3/rules/index.html 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 https://www.ieee802.org/3/minutes/mar25/0325_potential.pdf

The following participants requested voting rights during the opening plenary:

Agarwal, Uttam	Lee, Ching-Yen	Niihara, Yoshihiro
Akinwale, Oluwafemi	Lessard, Stephane	Smith, Evan
Chimento, Nicholas	Lim, Jane	Sun, Yi
Gopal, Amrit	Lin, Yk	Takeuchi, Junichi
Kim, Yong	Long, Richard	Vakilian, Kambiz
Kotani, Yasuhiro	Mark, Simon	Wang, Xuebo

Val Maguire presented the Working Group treasury report. Please see

https://www.ieee802.org/3/minutes/jul25/0725_treasury.pdf

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

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

https://www.ieee802.org/3/minutes/jul25/0725_802_3_opening_plenary.pdf#page=31

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

https://www.ieee802.org/3/minutes/jul25/0725_802_3_opening_plenary.pdf#page=33

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

https://www.ieee802.org/3/minutes/jul25/0725_802_3_opening_plenary.pdf#page=36

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 latest updates liaison letter

ITU-T SG15: Optical Transport Networks and Technologies (OTNT) issue 35 liaison letter

External Liaison letters (new)

BBF: Addressing ONU Management at Scale liaison letter

Ethernet Alliance: Upcoming High Speed Networking Plugfest liaison letter and attachment

Ethernet Alliance Technology Exploration Forum - Ethernet For AI liaison letter and attachment

ITU-T SG15: Transmitter Quality Metrics (TQM) and B400G liaison letter and attachment

Mplify: Mplify Emerges as New Brand for MEF liaison letter

External Liaison reports

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

https://www.ieee802.org/3/minutes/jul25/ITUT-SG15_LiaisonReport-July2025.pdf

TIA TR-42 Telecommunications Cabling Systems – Bob Voss

https://www.ieee802.org/3/minutes/jul25/20250728_TIA_Liaison_Report_802.3_a.pdf

Opening reports:

IEEE 802.3 rules report – Adam Healey

https://www.ieee802.org/3/minutes/jul25/0725_rules_open_report.pdf

Mr. Law paused the meeting to allow participants to sign into IMAT and asked if there is anyone having issues. Mr. Law noted that he would ask later to make sure everyone had signed into IMAT properly.

IEEE 802.3 Maintenance - Adam Healey

https://www.ieee802.org/3/minutes/jul25/0725_maint_open_report.pdf

Mr. Law asked if there was anyone that still hadn't signed into IMAT and that he would not be adjusting the attendance after the meeting, none responded.

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

https://www.ieee802.org/3/minutes/jul25/802d3da_task_force_open_report_0725.pdf

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

https://www.ieee802.org/3/minutes/jul25/802d3dg_open_report_Jul2025.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/jul25/2507_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/jul25/802d3dk_Task_Force_open_report_2025JulPlenary_v1.pdf

IEEE P802.3dm Asymmetrical Electrical Automotive Ethernet Task Force – Natalie Wienckowski

https://www.ieee802.org/3/minutes/jul25/0725_3dm_open_report.pdf

IEEE P802.3dp Cabling Restrictions for Single Pair Power over Ethernet Task Force – Chad Jones

https://www.ieee802.org/3/minutes/jul25/802d3dp_task_force_open_report_0725.pdf

IEEE P802.3-2022/Cor 2 (IEEE 802.3dr) Optical Automotive Ethernet TDFOM – Luisma Torres

https://www.ieee802.org/3/minutes/jul25/802d3dr_task_force_open_report_01_0725.pdf

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

https://www.ieee802.org/3/minutes/jul25/802d3_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/jul25/POPI_Plenary_Opening_Report_2025-07-28.pdf

IEEE 802.3 New Ethernet Applications Ad Hoc – Jon Lewis

https://www.ieee802.org/3/minutes/jul25/0725_NEA_open_report.pdf

IEEE 802.3 Power Delivery Coordinating Committee Ad Hoc - Chad Jones

https://www.ieee802.org/3/minutes/jul25/PDCC_adhoc_open_report_0725.pdf

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

https://www.ieee802.org/3/minutes/jul25/0725_COM_ad_hoc_open_report.pdf

IEEE 802.3 YANG Ad Hoc – Peter Jones

https://www.ieee802.org/3/minutes/jul25/yang_opening_report_072825.pdf

200 Gb/s per wavelength Multimode Fibre (MMF) optical PHYs – Mabud Choudhury

https://www.ieee802.org/3/minutes/jul25/0725_200GMMF_CFI_open_report_v2.pdf

Ethernet Metadata Services – David Ofelt

https://www.ieee802.org/3/minutes/jul25/2025-07-ems-plenary-opening-report(v2).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. Law announced that as the agenda had been exhausted the meeting was adjourned.

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

Adjourned.

APPROVED MINUTES

IEEE 802.3 Ethernet Working Group

Plenary Closing Meeting

31-Jul 2025

https://www.ieee802.org/3/minutes/jul25/index.html

THURSDAY, 31-JUL 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 14:21 CEST.

https://www.ieee802.org/3/minutes/jul25/0725_802_3_closing_plenary.pdf

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 P802.3dp Cabling Restrictions for Single Pair Power over Ethernet Chad Jones
IEEE Std 802.3-2022/Cor 2 (IEEE 802.3dr) Optical Automotive Ethernet TDFOM Luisma Torres
IEEE P802.3.2 (IEEE 802.3.2a) YANG Data Model Definitions (revision) Marek Hajduczenia

IEEE 802.3 Study Group chair

IEEE 802.3 IEEE 802.3 Pin-Optimized PHY Interface Study Group: Jason Potterf

IEEE 802.3 Task Force vice-chair

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

Working Group Decorum

Mr. Law introduced the Working Group decorum as described in the opening report. Please see https://www.ieee802.org/3/minutes/jul25/0725_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/jul25/0725_802_3_closing_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/jul25/0725_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 modifying the posted agenda changing the presenter of the future meetings report to George Zimmerman.

M: Jim Weaver S: Bob Voss

Procedural (> 50%)

Motion Passed by unanimous consent 31-Jul 2025, 14:30 CEST

Call for patents

Please see

https://www.ieee802.org/3/minutes/jul25/0725_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/jul25/0725_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/jul25/0725_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 slots[2] 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 the 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/jul25/0725_802_3_closing_plenary.pdf#page=25

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

Review of voting membership

Please https://www.ieee802.org/3/minutes/jul25/0725_voters.pdf

Review of voters in peril

Please https://www.ieee802.org/3/minutes/jul25/0725_peril.pdf

Review of Potential voters

Please see https://www.ieee802.org/3/minutes/jul25/0725_potential.pdf

The following participants requested voting rights during the closing plenary:

Cassan, Dave

Phadke, Rohan

Mr. Lewis displayed a list of the voters that requested voting rights in the opening plenary. Mr. Law asked if any new voter that had requested voting rights and were not shown correctly. 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/jul25/0725_802_3_closing_plenary.pdf#page=28

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.

Liaisons

External Liaison request

Request for Category C liaison membership of IEC TC 65/SC 65C/MT 63444 Ethernet-APL Port Profile.

Mr. Zimmerman gave a short description of the group the liaison was referencing.

MOTION #2

Request a Category C liaison membership of IEC TC 65/SC 65C MT 63444 (Industrial networks – Ethernet-APL port profile / Ethernet-SPE profile specification)

Appoint George Zimmerman as the liaison officer.

M: Bob Voss S: Peter Jones

Technical (≥ 75%)

Y: 102 N: 0 A: 3

Motion Passed 31-Jul 2025, 15:07 CEST

External Liaison letters (old)

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

Overviews and Work Plans latest updates liaison letter

ITU-T SG15: Optical Transport Networks and Technologies (OTNT) issue 35 liaison letter

External Liaison letters (new)

BBF: Addressing ONU Management at Scale liaison letter

ITU-T SG15: Transmitter Quality Metrics (TQM) and B400G liaison letter and attachment

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 – George Zimmerman

https://www.ieee802.org/3/minutes/jul25/0725_future_meetings.pdf

Future Meetings Straw Poll:

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

Yes: 76 No: 1

Did you go to the social?

Yes: 65 No: 10

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

Yes: 57 No: 0

Closing reports and actions:

IEEE 802.3 Maintenance - Adam Healey

MOTION #3

Approve request for 2-year extension for revision of IEEE Std 802.3 in extension_request_1_0725.pdf

M: A. Healey on behalf of the IEEE 802.3 Maintenance Task Force

Technical (≥ 75%)

Yes: 98 No: 0 Abstain: 2

Motion Passed 31-Jul 2025, 15:34 CEST

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

https://www.ieee802.org/3/minutes/jul25/802d3da_task_force_close_report_0725.pdf

MOTION #4

Move that the IEEE 802.3 Working Group re-affirm the CSD responses in https://mentor.ieee.org/802-ec/dcn/20/ec-20-0096-00-ACSD-p802-3da.pdf and request approval to progress the IEEE P802.3da draft to IEEE Standards Association ballot.

M: George Zimmerman S: Valerie Maguire

Technical (≥ 75%)

Yes: 86 No: 0 Abstain: 10

Motion Passed 31-Jul 2025, 15:41 CEST

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

https://www.ieee802.org/3/minutes/jul25/802d3dg_close_report_Jul2025.pdf

Mr. Zimmerman asked if anyone wanted to review the changes to the draft in detail, none responded.

MOTION #5

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

M: George Zimmerman on behalf of the Task Force

Technical (≥ 75%)

Motion Passed by unanimous consent 31-Jul 2025, 15:46 CEST

MOTION #6

Move to request IEEE editorial review of 802.3dg D2.0 and subject to that review, share the draft with TIA TR42.7

M: George Zimmerman on behalf of the Task Force

Technical (≥75%)

Motion Passed by unanimous consent 31-Jul 2025, 15:49 CEST

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/jul25/2507_3dj_closed_report.pdf

MOTION #7

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_ UEC_OIF_UALink_ITU_INCITS _3dj_0725_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 UEC, OIF, UALink, ITU, and INCITS/Fibre Channel.

M: John D'Ambrosia S: Kent Lusted

Technical (≥75%)

Y: 88 N: 0 A: 1

Motion Passed 31-Jul 2025, 15:56 CEST

MOTION #8

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_SFF_3dj_2507_Redacted.pdf

IEEE_802d3_to_SFPDD_3dj_2507_Redacted.pdf

with editorial license granted to the Chair (or his appointed agent) as liaison communications from the IEEE 802.3 Working Group to SNIA/SFF and SFP-DD MSA

M: John D'Ambrosia S: Kent Lusted

Technical (≥75%)

Motion Passed by unanimous consent 31-Jul 2025, 16:02 CEST

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

https://www.ieee802.org/3/minutes/jul25/802d3dk_Task_Force_close_report_final.pdf

MOTION #9

Move that the IEEE 802.3 Working Group affirm the CSD responses in https://mentor.ieee.org/802-ec/dcn/22/ec-22-0268-00-ACSD-ieee-p802-3dk.pdf and request approval to progress the IEEE P802.3dk draft to IEEE Standards Association ballot.

M: Yuanqiu Luo

S: Kenneth Jackson

Technical (≥ 75%)

Y: 93 N: 0 A: 5

Motion Passed 31-Jul 2025, 16:11 CEST

The Working Group took a break at 16:12 CEST

The group resumed at 16:37 CEST

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

https://www.ieee802.org/3/minutes/jul25/802d3dm_TF_close_report.pdf

MOTION #10

Move that the IEEE 802.3 Working Group approve the additional objective adopted by the Task Force in May 2025:

Do not preclude using the low data rate signal to extract the timing reference for the high-data rate transmitter.

M: Made on behalf of the Task Force

Technical (≥ 75%)

Motion Passed by unanimous consent 31-Jul 2025, 16:41 CEST

Mr. Law announced that he was appointing Natalie Wienckowski as the IEEE P802.3dm Chair and Steve Gorshe as the IEEE P802.3dm Vice-Chair. Confirmation of these appointments will occur during the IEEE 802.3 September interim meeting series.

IEEE Std 802.3-2022/Cor 2 (IEEE 802.3dr) – Luisma Torres

https://www.ieee802.org/3/minutes/jul25/802d3dr_task_force_closing_report_01_0725.pdf

IEEE P802.3.2a Task Force Report

https://www.ieee802.org/3/minutes/jul25/802d3_task_force_802.3.2_closing.pdf

MOTION #11

Move that the IEEE 802.3 Working Group conditionally approve to progress the IEEE P802.3.2 (IEEE 802.3.2a) YANG Data Model Definitions (Revision) draft to RevCom once the IEEE Standards Association ballot process has been successfully completed.

M: Ulf Parkholm S: Peter Jones

Technical (≥ 75%)

Y: 87 N: 0 A: 2

Motion Passed 31-Jul 2025, 16:51 CEST

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

https://www.ieee802.org/3/minutes/jul25/POPI_Plenary_Closing_Report_2025-07-31_v02.pdf

MOTION #12

Move that the IEEE 802.3 Working Group request the re-chartering of the Pin-Optimized PHY Interface Study Group.

M: Jason Potterf on behalf of the Study Group

By rule (>50%)

Y: 73 N: 0 A: 4

Motion Passed 31-Jul 2025, 16:58 CEST

MOTION #13

Move that the IEEE 802.3 Working Group approve the IEEE P802.3dq Pin-Optimized PHY Interface objectives, as per https://www.ieee802.org/3/POPI/POPI_DRAFT_Objectives_2025-06-18_v01.pdf.

M: Jason Potterf S: Bob Voss

Technical (≥ 75%)

Motion Passed by unanimous consent 31-Jul 2025, 17:03 CEST

MOTION #14

Move that the IEEE 802.3 Working Group approve the IEEE P802.3dq Pin-Optimized PHY Interface CSD "Managed Objects", "Coexistence", "Broad Market Potential", "Compatibility", "Distinct Identity", "Technical Feasibility", and "Economic Feasibility" responses, as per https://www.ieee802.org/3/POPI/public/2025-07-30/POPI_CSD_2025-07-30_wgreview_clean.pdf.

M: Jason Potterf S: Bob Voss

Technical (≥ 75%)

Y: 80 N: 0 A: 5

Motion Passed 31-Jul 2025, 17:07 CEST

MOTION #15

Move that the IEEE 802.3 Working Group approve the IEEE P802.3dq Pin-Optimized PHY Interface PAR, in https://www.ieee802.org/3/POPI/public/2025-07-30/POPI_PAR_2025-07-30_wgreview_clean.pdf

M: Jason Potterf S: Bob Voss

Technical (≥ 75%)

Y: 89 N: 0 A: 5

Motion Passed 31-Jul 2025, 17:12 CEST

Mr. Law announced that should the IEEE P802.3dq PAR be approved he would appoint Jason Potterf as the Task Force Chair.

IEEE 802.3 Power Delivery Coordination Committee ad hoc – George Zimmerman for Chad Jones

MOTION #16

Move that the IEEE 802.3 Working Group approve: The comments in the file https://www.ieee802.org/3/ad_hoc/PDCC/private/Kseries/T25-SG05-C-0063!R1!MSW-E-PDCC072425.docx with editorial license granted to the Chair (or his appointed agent) as a work item from the IEEE 802.3 Working Group to ITU-T SG 5.

M: George Zimmerman

S: Bob Voss

Technical (≥75%)

Y: 79 N: 0 A: 3

Motion Passed 31-Jul 2025, 17:20 CEST

IEEE 802.3 New Ethernet Applications ad hoc – Jon Lewis

https://www.ieee802.org/3/minutes/jul25/0725_NEA_close_report.pdf

MOTION #17

Move that the IEEE 802.3 WG approve:

IC15-005 New Ethernet Applications_Status Report Sept. 2025.pptx

with editorial license granted to the Chair (or his appointed agent) as a status report from the IEEE 802.3 Working Group to the IEEE SA Industry Connections Committee.

M: John D'Ambrosia S: Bob Voss

Technical (≥ 75%)

Y: 96 N: 0 A: 2

Motion Passed 31-Jul 2025, 17:26 CEST

Mr. D'Ambrosia announced that an email will be sent to all commentors on IEEE P802.3dj D2.0 and that a timely response is encouraged to help the project move forward.

IEEE 802.3 COM Ad Hoc – Kent Lusted

https://www.ieee802.org/3/minutes/jul25/0725_COM_ad_hoc_closing_report.pdf

Mr. Law announced the following:

IEEE 802.3 COM ad hoc leadership is changed as follows:

Howard Heck, IEEE 802.3 COM ad hoc Chair

Kent Lusted, IEEE 802.3 COM ad hoc Vice-Chair

IEEE SA Open Source Project 802-COM

Howard Heck, 802-COM OS Project Lead/POC

Kent Lusted, 802-COM alternate OS project lead

Adam Healey, 802-COM alternate OS project lead (unchanged)

MOTION #18

Move to generate COM v4.10 from COM 4.9 and the dispositions per 0725_COM_ad_hoc_plenary_close_report, slides 4 and 5

M: Kent Lusted S: Howard Heck

Technical (≥ 75%)

Motion Passed by unanimous consent 31-Jul 2025, 17:31 CEST

IEEE 802.3 YANG Open Source Ad Hoc – Peter Jones

https://www.ieee802.org/3/minutes/jul25/yang_closing_report_073025.pdf

IEEE 802.3 CFI: 200 Gb/s per wavelength MMF optical PHYs – Mabud Choudhury

https://www.ieee802.org/3/minutes/jul25/0725_200GMMF_CFI_close_report.pdf

MOTION #19

Move that the IEEE 802.3 Working Group request the formation of a Study Group to explore the potential market requirements and feasibility of addressing AI/Data Center networks, and to develop a Project Authorization Request (PAR) and Criteria for Standards Development (CSD) responses for 200 Gb/s per wavelength MMF optical PHYs

M: Mabud Choudhury S: Earl Parsons

By rule (>50%)

Y: 102 N: 1 A: 4

Motion Passed 31-Jul 2025, 17:43 CEST

Mr. Law announced that should the IEEE 802 LMSC approve the formation of the Study Group he would appoint Mr. Choudhury as the Study Group Chair.

Mr. Law handed over the meeting to Mr. Healey.

IEEE 802.3 CFI: Ethernet Metadata Services – David Ofelt

https://www.ieee802.org/3/minutes/jul25/2025-07-ems-plenary-closing-report.pdf

MOTION #20

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_UEC_OIF_UALink_ITU_INCITS_EMS_0725_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 UEC, OIF, UALink, ITU-T and INCITS / Fibre Channel.

M: David Ofelt S: John D'Ambrosia

Technical (≥ 75%)

Y: 94 N: 0 A: 7

Motion Passed 31-Jul 2025, 17:50 CEST

Mr. Healey handed over the meeting to Mr. Law.

MOTION #21

Move that the IEEE 802.3 Working Group approve:

IEEE_802d3_to_UEC_OIF_UALink_ITU_INCITS_EMS_0725_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 UEC, OIF, UALink, ITU-T, OCP and INCITS / Fibre Channel.

M: David Ofelt S: John D'Ambrosia

Technical (≥ 75%)

Y: 85 N: 0 A: 1

Motion Passed 31-Jul 2025, 17:59 CEST

Mr. Law announced that should the IEEE 802 LMSC approve the formation of the Study Group he would appoint Mr. Ofelt as the Study Group Chair.

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

MOTION #22

Move to request IEEE P802.3da D3.0 draft be shared with TIA TR42.7.

M: Bob Voss S: George Zimmerman

Technical (≥75%)

Motion Passed by unanimous consent 31-Jul 2025, 15:49 CEST

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 18:02 CEST.

Adjourned.

Opening plenary IMAT attendance:

Name	Employer	Affiliation
Agarwal, Uttam	Texas Instruments Inc.	Texas Instruments Inc.
Ahuja, Ramanjit	ON Semiconductor	ON Semiconductor
Akinwale, Oluwafemi	Intel Corporation	Intel Corporation
Aronson, Joseph	Texas Instruments Inc.	Texas Instruments Inc.
Arroyo, Hector		Analog Devices Inc.
Baggett, Tim	Microchip Technology, Inc.	Microchip Technology, Inc.
Beauregard, Francois	Belden Canada ULC	Belden
Benyamin, Saied	Ethernovia	Ethernovia
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Boyer, Rich	Aptiv - Signal and Power Solutions	Aptiv Signal and Power Solutions
Brandt, David	Rockwell Automation	Rockwell Automation
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	NVIDIA	NVIDIA
Brychta, Michal	Analog Devices Inc.	Analog Devices Inc.
Calvin, John	Keysight Technologies	Keysight Technologies
Cassan, Dave	Alphawave	Alphawave
Chang, Jae-yong	Keysight Technologies Inc	Keysight Technologies Inc
Chang, Yongmao	Inphi Corporation	Source Photonics
Chen, Chan	Self Employed	Independent/AOI
Chen, Yuanjie		Marvell Semiconductor, Inc.
Chimento, Nicholas		Analog Devices Inc.
Choudhury, Golam	Lightera	Lightera
Cole, Christopher R	Finisar Corporation	Coherent Corp.
Cordaro, Jay	Analog Devices	Analog Devices
Cox, Ian		Broadcom Corporation
Dahlfort, Stefan		Ericsson AB
Dalmia, Kamal	Aviva Links Inc	Aviva Links Inc
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Donahue, Curtis	Rohde & Schwarz	Rohde & Schwarz
Dudek, Michael	Marvell	Marvell
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies
Eguchi, Keisuke		Analog Devices; Analog Devices Inc.
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Estrakh, Daniel	Valens Semiconductor	Valens Semiconductor
Fan, Xiaojie	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Ferretti, Vincent	Corning Incorporated	Corning Incorporated
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Ganesan, Aravind	Texas Instruments Inc.	Texas Instruments Inc.

Gauthier, Claude	NXP Semiconductors	NXP Semiconductors
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
George, John		Lightera
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
Glanzner, Martin	SEI ANTech-Europe GmbH	SEI Automotive Europe GmbH
Goel, Sachin	Aviva Links Inc	Aviva Links Inc
Gopal, Amrit	Ford Motor Company	Ford Motor Company
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
Goto, Hideki	Toyota Motor Corporation	Toyota Motor Corporation
Graber, Steffen	Pepperl+Fuchs SE	Pepperl+Fuchs SE
Gubow, Martin	Keysight Technologies	Keysight Technologies
Haydt, Mary Sue	Microchip Technology, Inc.	Microchip Technology, Inc.
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	TE Connectivity	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Houck, TJ	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Hu, Mark		Aptiv
Huang, Kechao		Huawei Technologies Co., Ltd
Huang, Michael		Berxel Photonics
HUANG, QINHUI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Hutchison, Guy	Aviva Links	Aviva Links Inc; Aviva Links Inc.
HYAKUTAKE, YASUHIRO	Orbray Co., Ltd.	Orbray Co., Ltd.
Isono, Hideki	Furukawa FITEL Optical Components Limited	Furukawa FITEL Optical Components
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Jeffreis, Brad		Analog Devices Inc.
Johnson, John	Broadcom Corporation	Broadcom Corporation
Jones, Chad	Cisco Systems, Inc.	Cisco Systems, Inc.
Jones, Peter	Cisco Systems, Inc.	Cisco Systems, Inc.
Jonsson, Ragnar	Marvell Semiconductor, Inc.	Marvell
Kagami, Manabu	Nagoya Institute of Technology	Nagoya Institute of Technology (NITech)
Kanno, Atsushi	Nagoya Institute of Technology	Nagoya Institute of Technology
Kapoor, Samay	Aviva Links	Aviva Links Inc.
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kikuta, Tomohiro	Orbray Co., Ltd.	Orbray Co., Ltd.
Kim, Do Kyun		LG ELECTRONICS
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kim, Yongbum	General Motors Company	General Motors Company

Kimber, Eric	Semtech Ltd	Semtech Ltd
Kleinwaechter, Mathias	in-tech GmbH	in-tech GmbH
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Kotani, Yasuhiro	DENSO	DENSO
Kou, Hanjun		C/LAN/MAN/802.3 WG
Kutscher, Noam		Marvell
Lambert, Angela	Corning Incorporated	Corning Incorporated
Lasry, Ariel	Qualcomm Technologies, Inc	Qualcomm Technologies, Inc
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Lee, Ching-Yen		Realtek Semiconductor Corp.
Lessard, Stephane		Ericsson AB
Levin, Itamar	Altera Corporation, an Intel company	Altera Corporation
Levy, Nir		Alphawave Semi
Lewis, Jon	Dell Technologies	Dell Technologies
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lieder, Eyal	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lim, Hoei		Aviva Links Inc; Aviva Links Inc.
Lim, Jane	Cisco Systems, Inc.	Cisco Systems, Inc.
Lin, YK		Realtek Semiconductor Corp.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Hai-Feng	HG Genuine	HG Genuine
Long, Richard	TE Connectivity	TE Connectivity
Lou, Wei		Broadcom Corporation
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maguire, Valerie	Copperopolis	Copperopolis (aff'l with CME Consulting and Cisco)
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Mark, Simon	Wurth Electronik Group	Wurth Electronik Group
Marques, Flavio	Lightera	Lightera
Martino, Kjersti	Inneos	Inneos
Mascitto, Marco		Nokia
mash, chris	Nupero Ltd	Ethernovia Inc
Matheus, Kirsten	BMW Group	BMW Group
Mazzini, Marco	Cisco Systems, Inc.	Cisco Systems, Inc.
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Muhigana, Ernest	Lumentum LLC	Lumentum

Muller, Shimon	Enfabrica Corp.	Enfabrica
MURAKAMI, YUKI	FUJITSU	FUJITSU
Murty, Ramana	Broadcom Inc.	Broadcom Corporation
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nakamoto, Edward	Spirent Communications	Spirent Communications
NAKAMURA, YUTO		FURUKAWA ELECTRIC
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Ng, Hiok Tiaq	Aviva Links Inc.	Aviva Links Inc; Aviva Links Inc.
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
NIIHARA, YOSHIHIRO	Fujikura Ltd.	Fujikura Ltd.
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Oishi, Eiichiro		Yazaki Corporation
Omori, Kumi	NEC Corporation	NEC Corporation
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Palkert, Thomas		Samtec-Macom
Pandey, Sujan	Velink	Velink
Pardo, Carlos	Knowledge Development for POF SL	KDPOF
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Parthasarathy, Vasu	Broadcom Corporation	Broadcom Corporation
Paul, Michael	Analog Devices Inc.	Analog Devices
Pfeifle, Joerg	Keysight Technologies	Keysight Technologies
Pineda, Luis	LP Tech Advisors, LLC	LP Tech Advisors, LLC (Samsung; Ethernovia)
Potterf, Jason	Cisco Systems, Inc.	Cisco Systems, Inc.
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Razavi, Alireza	Marvell	Marvell
Regev, Alon	Keysight Technologies	Keysight Technologies
Reinhard, Michael	SEI Automotive Europe GmbH	SEI Automotive Europe GmbH
Rodes, Roberto	II-VI	II-VI
Royer, Tyler	SENKO Advanced Components	Senko Advanced Components
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Cadence Design Systems	Cadence
Santulli, Jennifer	IEEE STAFF	IEEE STAFF
Savi, Olindo	Hubbell Incorporated	Hubbell Incorporated
Schedl, Anton	BMW Group	BMW Group
Schreiner, Stephan	Rosenberger Hochfrequenztechnik GmbH & Co. KG	Rosenberger
Sedarat, Hossein	Ethernovia	Ethernovia
Sekel, Steve	Wilder Technologies	wilder Technologoeis

SETH, SUMANTRA	Texas Instruments Inc.	Texas Instruments Inc.
Shah, Anup	Siemens Corporation	Siemens EDA
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Sharma, Rohit		Molex Incorporated
Shiino, Masato	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC
shirani, ramin	Ethernovia	Aquantia
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Smith, Evan	Tektronix, Inc.	Tektronix, Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sriram, Chandrasekhar		Texas Instruments Inc.
Srivastava, Atul	NEL-America	NTT Electronics
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Strohmeier, Heiko	Robert Bosch GmbH	Robert Bosch GmbH
Sun, jingcong	Motorcomm Electronic Technology Co	Motorcomm Electronic Technology Co
Sun, Yi	Lightera	Lightera
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Nokia
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAKEUCHI, JUNICHI	JAE Electronics, Inc	JAE Electronics, Inc.
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tan, Yuxuan	Motorcomm	Motorcomm
Tartaglia, Antonio	Ericsson AB	Ericsson AB
TAZEBAY, MEHMET	Broadcom Corporation	Broadcom Corporation
Theodoras, James	Scintil Photonics	Scintil Photonics
Thompson, Geoffrey	GraCaSI S.A.	INDEPENDENT
tian, yuchi		China Mobile
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Torres, Luisma	Knowledge Development for POF SL	KD
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Turner, Max	Ethernovia	Ethernovia
Vakilian, Kambiz	Broadcom Corporation	Broadcom Corporation
Voss, Robert	Panduit Corp.	Panduit Corp.
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
Wang, Shun-Sheng	Realtek Semiconductor Corp.	Realtek Semiconductor Corp.
WANG, Xuebo		Huawei Technologies Co., Ltd
Weaver, James	Arista Networks	Arista Networks
Welch, Brian	Cisco Systems, Inc.	Luxtera
Wienckowski, Natalie	IVN Solutions LLC	IVN Solutions LLC; Ethernovia

Wu, Dance	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
XU, LI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
xu, wenxiong		GENUINE-OPTO
xu, wenxiong		WUHAN HGG OPTO
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Zerna, Conrad	Aviva Links Inc	Aviva Links Inc
Zhang, Tingting	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zhuang, Yan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zimmerman, George	CME Consulting, Inc.	CME Consulting/Analog Devices, APL Group, Cisco, Marvell, OnSemi, Sony
Zuo, Mingqing		China Mobile Research Institute

Closing plenary IMAT attendance

Name	**Employer**	**Affiliation**
Aekins, Rob	Legrand	Legrand
Agarwal, Uttam	Texas Instruments Inc.	Texas Instruments Inc.
Akinwale, Oluwafemi	Intel Corporation	Intel Corporation
Aronson, Joseph	Texas Instruments Inc.	Texas Instruments Inc.
Arroyo, Hector		Analog Devices Inc.
Baggett, Tim	Microchip Technology, Inc.	Microchip Technology, Inc.
Bar-Niv, Amir	Aquantia Corp	Marvell
Beauregard, Francois	Belden Canada ULC	Belden
Benyamin, Saied	Ethernovia	Ethernovia
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Boyer, Rich	Aptiv - Signal and Power Solutions	Aptiv Signal and Power Solutions
Brandt, David	Rockwell Automation	Rockwell Automation
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	NVIDIA	NVIDIA
Brychta, Michal	Analog Devices Inc.	Analog Devices Inc.
Calvin, John	Keysight Technologies	Keysight Technologies
Cassan, Dave	Alphawave	Alphawave
Castro, Jose	Panduit	Panduit Corp.
Chang, Jae-yong	Keysight Technologies Inc	Keysight Technologies Inc
Chang, Yongmao	Inphi Corporation	Source Photonics
Chen, Chan	Self Employed	Independent/AOI
Chen, Yuanjie		Marvell Semiconductor, Inc.
Chimento, Nicholas		Analog Devices Inc.
Choudhury, Golam	Lightera	Lightera
Cole, Christopher R	Finisar Corporation	Coherent Corp.

Name	Employer	Affiliation
Cox, Ian		Broadcom Corporation
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Donahue, Curtis	Rohde & Schwarz	Rohde & Schwarz
Dsilva, Hansel		Amphenol Corporation
Dudek, Michael	Marvell	Marvell
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies
Eguchi, Keisuke		Analog Devices; Analog Devices Inc.
Estrakh, Daniel	Valens Semiconductor	Valens Semiconductor
Fan, Xiaojie	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Ferretti, Vincent	Corning Incorporated	Corning Incorporated
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Gauthier, Claude	NXP Semiconductors	NXP Semiconductors
George, John		Lightera
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
Glanzner, Martin	SEI ANTech-Europe GmbH	SEI Automotive Europe GmbH
Goel, Sachin	Aviva Links Inc	Aviva Links Inc
Gopal, Amrit	Ford Motor Company	Ford Motor Company
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
Goto, Hideki	Toyota Motor Corporation	Toyota Motor Corporation
Graber, Steffen	Pepperl+Fuchs SE	Pepperl+Fuchs SE
Gubow, Martin	Keysight Technologies	Keysight Technologies
Gupta, Ajeya		General Motors Company
Haydt, Mary Sue	Microchip Technology, Inc.	Microchip Technology, Inc.
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	TE Connectivity	TE Connectivity
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Hogenmueller, Thomas	Robert Bosch GmbH	Robert Bosch GmbH
Houck, TJ	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Huang, Kechao		Huawei Technologies Co., Ltd
Huang, Michael		Berxel Photonics
HUANG, QINHUI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Hutchison, Guy	Aviva Links	Aviva Links Inc; Aviva Links Inc.
HYAKUTAKE, YASUHIRO	Orbray Co., Ltd.	Orbray Co., Ltd.
Isono, Hideki	Furukawa FITEL Optical Components Limited	Furukawa FITEL Optical Components
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Jeffreis, Brad		Analog Devices Inc.

Name	Employer	Affiliation
Johnson, John	Broadcom Corporation	Broadcom Corporation
Jones, Chad	Cisco Systems, Inc.	Cisco Systems, Inc.
Jones, Peter	Cisco Systems, Inc.	Cisco Systems, Inc.
Jonsson, Ragnar	Marvell Semiconductor, Inc.	Marvell
Kagami, Manabu	Nagoya Institute of Technology	Nagoya Institute of Technology (NITech)
Kandarpa, Venkata	Chelsio Communications	Aviva Links Inc; Aviva Links Inc.
Kanno, Atsushi	Nagoya Institute of Technology	Nagoya Institute of Technology
Kapoor, Samay	Aviva Links	Aviva Links Inc.
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
KATO, TAKAHIRTO		Dexerials
Kawatsu, Yasuaki	APRESIA Systems	APRESIA Systems
Kikuta, Tomohiro	Orbray Co., Ltd.	Orbray Co., Ltd.
Kim, Do Kyun		LG ELECTRONICS
Kim, Gyudong		Analog Devices Inc.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kim, Yongbum	General Motors Company	General Motors Company
Kimber, Eric	Semtech Ltd	Semtech Ltd
Kleinwaechter, Mathias	in-tech GmbH	in-tech GmbH
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Kotani, Yasuhiro	DENSO	DENSO
Kou, Hanjun		C/LAN/MAN/802.3 WG
Kutscher, Noam		Marvell
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Lasry, Ariel	Qualcomm Technologies, Inc	Qualcomm Technologies, Inc
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Lee, Ching-Yen		Realtek Semiconductor Corp.
Lessard, Stephane		Ericsson AB
Levin, Itamar	Altera Corporation, an Intel company	Altera Corporation
Lewis, Jon	Dell Technologies	Dell Technologies
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lim, Hoei		Aviva Links Inc; Aviva Links Inc.
Lim, Jane	Cisco Systems, Inc.	Cisco Systems, Inc.
Lin, YK		Realtek Semiconductor Corp.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Lo, William	Axonne Inc.	Axonne Inc.

Name	Employer	Affiliation
Long, Richard	TE Connectivity	TE Connectivity
Lou, Wei		Broadcom Corporation
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maguire, Valerie	Copperopolis	Copperopolis (aff'l with CME Consulting and Cisco)
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Mark, Simon	Wurth Electronik Group	Wurth Electronik Group
Marques, Flavio	Lightera	Lightera
Martino, Kjersti	Inneos	Inneos
Mascitto, Marco		Nokia
mash, chris	Nupero Ltd	Ethernovia Inc
Mazzini, Marco	Cisco Systems, Inc.	Cisco Systems, Inc.
McClellan, Brett	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Miskho, Michael		Analog Devices Inc.
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Muhigana, Ernest	Lumentum LLC	Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
MURAKAMI, YUKI	FUJITSU	FUJITSU
Murty, Ramana	Broadcom Inc.	Broadcom Corporation
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nakamoto, Edward	Spirent Communications	Spirent Communications
NAKAMURA, YUTO		FURUKAWA ELECTRIC
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
NIIHARA, YOSHIHIRO	Fujikura Ltd.	Fujikura Ltd.
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
Noujeim, Leesa	Google	Google
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Oishi, Eiichiro		Yazaki Corporation
Omori, Kumi	NEC Corporation	NEC Corporation
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Palkert, Thomas		Samtec-Macom
Pandey, Sujan	Velink	Velink
Pardo, Carlos	Knowledge Development for POF SL	KDPOF
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Paul, Michael	Analog Devices Inc.	Analog Devices
Pfeifle, Joerg	Keysight Technologies	Keysight Technologies

Name	Employer	Affiliation
Phadke, Rohan		Arista Networks
Pineda, Luis	LP Tech Advisors, LLC	LP Tech Advisors, LLC (Samsung; Ethernovia)
Potterf, Jason	Cisco Systems, Inc.	Cisco Systems, Inc.
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Razavi, Alireza	Marvell	Marvell
Regev, Alon	Keysight Technologies	Keysight Technologies
Reinhard, Michael	SEI Automotive Europe GmbH	SEI Automotive Europe GmbH
Rock, Jason	Dell Inc.	Dell Inc.
Rodes, Roberto	II-VI	II-VI
Royer, Tyler	SENKO Advanced Components	Senko Advanced Components
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Santulli, Jennifer	IEEE STAFF	IEEE STAFF
Savi, Olindo	Hubbell Incorporated	Hubbell Incorporated
Schreiner, Stephan	Rosenberger Hochfrequenztechnik GmbH & Co. KG	Rosenberger
Sedarat, Hossein	Ethernovia	Ethernovia
Sekel, Steve	Wilder Technologies	wilder Technologoeis
SETH, SUMANTRA	Texas Instruments Inc.	Texas Instruments Inc.
Shah, Anup	Siemens Corporation	Siemens EDA
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Sharma, Rohit		Molex Incorporated
Shiino, Masato	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC
shirani, ramin	Ethernovia	Aquantia
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Smith, Evan	Tektronix, Inc.	Tektronix, Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDIRES
Spruit, Hans	TRUMPF	TRUMPF
Strohmeier, Heiko	Robert Bosch GmbH	Robert Bosch GmbH
Sun, jingcong	Motorcomm Electronic Technology Co	Motorcomm Electronic Technology Co
Sun, Yi	Lightera	Lightera
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAKEUCHI, JUNICHI	JAE Electronics, Inc	JAE Electronics, Inc.
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tan, Yuxuan	Motorcomm	Motorcomm NXP Semiconductors
Tanc, Ahmet		; NXP Semiconductors

Name	Employer	Affiliation
Tartaglia, Antonio	Ericsson AB	Ericsson AB
TAZEBAY, MEHMET	Broadcom Corporation	Broadcom Corporation
Theodoras, James	Scintil Photonics	Scintil Photonics
Thompson, Geoffrey	GraCaSI S.A.	INDEPENDENT
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Torres, Luisma	Knowledge Development for POF SL	KD
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Vakilian, Kambiz	Broadcom Corporation	Broadcom Corporation
Voss, Robert	Panduit Corp.	Panduit Corp.
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
Wang, Shun-Sheng	Realtek Semiconductor Corp.	Realtek Semiconductor Corp.
WANG, Xuebo		Huawei Technologies Co., Ltd
Weaver, James	Arista Networks	Arista Networks
Welch, Brian	Cisco Systems, Inc.	Luxtera
Wienckowski, Natalie	IVN Solutions LLC	IVN Solutions LLC; Ethernovia
Withey, James	Fluke Corporation	Fluke Corporation
Wu, Dance	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
XU, LI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
xu, wenxiong		WUHAN HGG OPTO
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Yin, Shuang		Google
Zerna, Conrad	Aviva Links Inc	Aviva Links Inc
Zhang, Tingting	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zhuang, Yan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zimmerman, George	CME Consulting, Inc.	CME Consulting/Analog Devices, APL Group, Cisco, Marvell, OnSemi, Sony
Zivny, Pavel	MultiLane	MultiLane