

IEEE P802.3dj 200 Gb/s, 400 Gb/s, 800 Gb/s, and 1.6 Tb/s Ethernet Task Force

Unapproved Meeting Minutes, prepared by John D'Ambrosia, Mark Nowell, Gary Nicholl, and Kent Lusted

20 January 2025

January 2025 Session

Location: Phoenix, AZ, USA

IEEE P802.3dj Task Force January 2025 Meeting Task Force Page -

https://www.ieee802.org/3/dj/public/25_01/index.html

Session called to order at 8:01 a.m. Mountain Standard Time (MST) by John D'Ambrosia, Chair of the P802.3dj Task Force.

Chair reminded participants to declare their name and affiliation in the online meeting tool. Failure to declare would result in expulsion from the meeting.

Chair reminded participants that participation in the January 2025 plenary meeting requires registration or payment of registration fee. The interim meeting will count towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1)

If participants are not eligible to sign in to IMAT to claim attendance credit, please send an email to the Task Force Chair and Recording Secretary to be recorded in the minutes as an attendee.

Agenda:

Title	Agenda and General Information
Presenters	John D'Ambrosia
URL	https://www.ieee802.org/3/dj/public/25_01/agenda_3dj_b_2501.pdf

Chair welcomed everyone to the meeting.

Chair noted that every attendee at the IEEE 802.3 January 2025 meeting (Face-to-Face or Remote) must register and pay a fee to participate. (see slide #3 of agenda)

Chair reminded participants to sign into IMAT for Task Force attendance.

Chair reviewed the agenda (Slide #4). Chair noted that individuals should check the webpage for the latest version of each presentation. Chair noted that all of the presentation times were subject to change.

Chair noted that the Task Force leadership set the goal to complete comment resolution during the week.

Chair asked if there were any objections to the agenda. There were none. The agenda was considered approved by unanimous consent.

Chair noted that there were several Task Force and ad hoc meeting minutes to approve (see slide #4)

- IEEE P802.3dj TF –

- Nov 2024 Session - https://www.ieee802.org/3/dj/public/24_11/minutes_3dj_2411_unapproved.pdf
- Joint Optical / Logic / Electrical Ad hoc
 - 09 Jan 2025 - https://www.ieee802.org/3/dj/public/adhoc/optics/0125_OPTX/minutes_3dj_optx_250109_unapproved.pdf
- COM Ad Hoc
 - 10 Dec 2024 - https://www.ieee802.org/3/dj/public/adhoc/COM/24_1210/minutes_3dj_COM_241210_unapproved.pdf

Chair asked if there were any corrections or modifications to the posted minutes. No one responded. Chair asked if there were any objections to approving the minutes. There were none, and the minutes were considered approved by unanimous consent.

Chair reviewed the meeting map for the week. (See slide #6) He reviewed the details to find the track meetings' call information. He noted that all of the call information was available on the IEEE Call and Meeting calendar.

Chair reviewed meeting decorum. (See Slide #7) Chair asked if there were any members of the press present. No one responded.

Chair reviewed attendance. (See Slide #8) Chair noted that Task Force meeting attendance would be through the IEEE Meeting Attendance (IMAT).

Chair provided the information to access the P802.3dj Task Force private area. The drafts are posted for participant review only. He noted that the draft, and any other content, was posted for participant review only and neither the content nor access information should be copied or redistributed to others in violation of document copyrights.

Chair reviewed the Task Force Project Information / Organization for the P802.3dj Task Forces. (See Slides #9).

Chair reviewed the goals for the session (see slide #10).

Chair reviewed the requirements for requesting Working Group ballot (see Slide #11)

Chair reviewed ground rules. (See Slide #13)

Chair reviewed voting in the task force. (see slide #15) Chair noted that the straw polls would use the online meeting tool. Motions would be taken with the Direct Vote Live tool if there was not unanimous consent. Chair noted that he reserved the right to take informative straw polls by 802.3 WG voting membership.

Chair noted that he delegated the right to take straw polls by IEEE 802.3 voters as needed during the tracks.

Chair reviewed the update membership and attendance recording requirements (see slide #16).

Chair noted that he would be reporting individuals signing into IMAT that did not meet the eligibility requirements.

Slide #17 - Chair noted that the information regarding the IEEE SA Policies had been sent out via the Task Force reflector , and requested that individuals review the following IEEE SA policies prior to the interim meeting –

- IEEE SA Patent policy
- IEEE SA Copyright Policy

- IEEE SA Participation Policy and IEEE Code of Ethics

Chair asked if anyone needed to review the policies at that time – there were no requests to do so from in-person nor remote attendees.

Chair presented the third slide (See Slide #37) of the IEEE SA Patent Policy slides. Chair did call for Potentially Essential Patents, and no one came forward.

Chair presented the second slide (See Slide #42) of the IEEE SA Copyright Policy slides. Chair noted – “By participating in this activity, you agree to comply with the IEEE Code of Ethics, all applicable laws, and all IEEE policies and procedures including, but not limited to, the IEEE SA Copyright Policy.”

Chair reminded participants of the IEEE Code of Ethics and Conduct. (See slide #45) He noted “All participants in IEEE-SA activities are expected to adhere to the core principles underlying the IEEE Code of Ethics and IEEE Code of Conduct”.

Chair presented the second slide (See Slide #46) of the IEEE SA Participation Policy slides. Chair noted – “Participants in the IEEE-SA “individual process” shall act independently of others, including employers. 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.”

Chair reviewed the liaisons responses and liaisons for consideration by the Task Force at the January 2025 interim meeting. (see Agenda slide #18)

Chair noted that he received a new liaison from the ITU SG15-LS6. He and Tom Huber would prepare a proposed liaison response for consideration by the Task Force.

Chair reminded participants that all contributions must be submitted with the PDF document properties properly completed. If the properties are not correct, the contribution would be returned.

Chair noted that he received an updated contribution from John Calvin with additional technical data based on consensus building. He asked if there was objection to hearing the updated contribution. No one responded.

Chair noted that the tracks may run late on Tuesday evenings.

Chair thanked Tom Palkert and Samtec for hosting the January 2025 interim meeting.

IMAT Reminder:

8:34 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D’Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Presentation #TF-1: Editor report

Title	IEEE P802.3dj Editorial Team Report
Presenters	Matt Brown
URL	https://www.ieee802.org/3/dj/public/25_01/brown_3dj_01_2501.pdf

Questions were asked and answered.

Presentation #TF-2: comment agenda

Title	P802.3dj D1.3 Comment Resolution Agenda
Presenters	Matt Brown
URL	https://www.ieee802.org/3/dj/public/25_01/brown_3dj_02a_2501.pdf

Questions were asked and answered.

Chair reminded in-person participants that no lunch was provided as part of the interim meeting.

John D'Ambrosia passed the comment resolution chair responsibilities to Kent Lusted.

Comment resolution began at 8:54 a.m.

Presentation #TF-3: delay

Title	SM-PMA delay constraints
Presenters	Kapil Shrinkhande
URL	https://www.ieee802.org/3/dj/public/25_01/shrikhande_3dj_01b_2501.pdf

Author noted an error on slide 17 summary that all slide references should be slide 16 and would send an updated version '01b'

Questions were asked and answered.

AM Break

Break at 10:13 a.m. Resumed at 10:34 a.m.

IMAT Reminder:

11:14 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Lunch Break

Break at 12:02 p.m. Resumed at 1:23 p.m.

Straw Poll TF-1

Type: Direction
Chicago rules
(see Comment #186)

Straw Poll TF-2

Type: Direction

Choose one

(see Comment #186)

Straw Poll TF-3

Type: Direction

Choose one

(see Comment #186)

During the discussion of the “TDECQ” topic, Chair asked that the sub-topic of “TDECQ general, block method” be discussed and resolved in the optical track on Tuesday.

Presentation #TF-4:

Title	Improving TDECQ Test Definition
Presenters	Ali Ghiasi
URL	https://www.ieee802.org/3/dj/public/25_01/ghiasi_3dj_01a_2501.pdf

Questions were asked and answered.

IMAT Reminder:

2:28 P.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D’Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Straw Poll #TF-4

Type: Direction

(see Comment #240)

Straw Poll #TF-5

Type: Direction

(see Comment #240)

PM Break

Break at 2:58 p.m. Resumed at 3:25 p.m.

Bucket pull text

Kent Lusted noted that he sent a summary of the requests to pull comments from the P802.3dj D1.3 bucket1 received

before the deadline. (see <https://www.ieee802.org/3/B400G/email/msg01328.html>) John D'Ambrosia provided the list of bucket1 pull requests to participants. He asked participants if there were any additional bucket1 pull requests. No one responded.

Chair noted that motions would be taken with the Direct Vote Live tool if there was not unanimous consent. Chair asked if there would be opposition to attempt the vote by unanimous consent. No one responded.

Motion #1: bucket	Move to adopt the proposed responses for P802.3dj D1.3 comment resolution in 'bucket1' https://www.ieee802.org/3/dj/comments/D1p3/8023dj_D1p3_comments_proposed_clause_bucket1.pdf except comments # 4, 12, 15, 18, 19, 83, 86, 98, 101, 107, 111, 112, 113, 121, 153, 155, 157, 159, 164, 169, 170, 265, 266, 267, 270, 297, 301, 304, 309, 317, 318, 325, 327, 329, 330, 335, 343, 344, 349, 373, 374, 375, 377, 404, 407, 415, 416, 424, 430, 431, 434, 436, 467, 473, 477, 480, 486, 487, 494, 495, 496, 503, 508, 525, 526, 527, 530
Technical (>= 75%)	
Moved by	Matt Brown
Second by	Adee Ran
Results 802.3 (y/n/a)	Passed by unanimous consent. 3:29 p.m.

Straw Poll #TF-6

Type: Decision
(see Comment #240)

Straw Poll #TF-7

Type: Decision
(see Comment #240)

IMAT Reminder:

4:53 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Presentation #TF-5:

Title	The need for timeout in ILT and AN
Presenters	Jeff Slavick
URL	https://www.ieee802.org/3/dj/public/25_01/slavick_3dj_01_2501.pdf

Questions were asked and answered.

Presentation #TF-6:

Title	Proposed update of electrical parameters of DME
Presenters	Bill Simms
URL	https://www.ieee802.org/3/dj/public/adhoc/optics/0125_OPTX/simms_3dj_optx_02a_250109.pdf

Questions were asked and answered.

Chair noted that the electrical track and logic tracks would start at 8:00 a.m. on Tuesday. The Optics track would start at 9:00 a.m.

Chair reminded participants to review the proposed liaison responses.

Chair noted that the New Ethernet Applications meeting would start at 7pm.

Meeting recessed for the day at 5:58 p.m.

21 January 2025 – Electrical Track

Track called to order at 8:09 a.m. Mountain Standard time (all times MST) by Kent Lusted, Electrical Track Chair of the P802.3dj Task Force.

Track Chair reminded participants to declare their affiliation in the online meeting tool. Failure to declare affiliation would result in expulsion from the meeting.

Chair showed agenda slide #1 and reminded participants that participation in the meeting requires registration and payment of registration fee. The January 2025 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3 https://www.ieee802.org/3/dj/public/25_01/agenda_3dj_b_2501.pdf)

Track Chair made opening comments and reviewed the plans for the day.

Chair noted that the leadership would use IMAT as part of determining meeting attendance. He noted that only eligible attendees claiming meeting credit towards Working Group voting rights were to use IMAT. He noted that (1) participants not eligible to sign in to IMAT to claim Working Group attendance credit and (2) participants that are not on the Webex online meeting tool are to send an email to John D'Ambrosia / Kent Lusted to have their attendance recorded in the meeting minutes for the day. (see Agenda slide #16, https://www.ieee802.org/3/dj/public/25_01/agenda_3dj_b_2501.pdf)

Chair reviewed meeting decorum. (See Slide #8 of the agenda) Chair asked if there were any members of the press present. No one responded.

Chair reminded participants of the IEEE Code of Ethics and Conduct. (See slide #45 of the agenda) He noted "All participants in IEEE-SA activities are expected to adhere to the core principles underlying the IEEE Code of Ethics and IEEE Code of Conduct".

Comment resolution began at 8:16 a.m.

IMAT Reminder

9:13 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes.

Presentation #E-1:

Title	Updated proposal for coefficient initial conditions
Presenters	Bill Simms
URL	https://www.ieee802.org/3/dj/public/25_01/simms_3dj_01a_2501.pdf

Questions were asked and answered.

Presentation #E-2:

Title	Difference Rpeak
Presenters	Adee Ran
URL	https://www.ieee802.org/3/dj/public/25_01/ran_3dj_02a_2501.pdf

Author noted an error on slide 7; change (max) to (min) and would provide an updated version '02a'.
Questions were asked and answered.

AM Break

Break at 10:07 a.m. Resumed at 10:32 a.m.

Presentation #E-3:

Title	AUI-C2C TBD Removal
Presenters	Howard Heck
URL	https://www.ieee802.org/3/dj/public/25_01/heck_3dj_01b_2501.pdf

Author noted an error on slide 5 where "15" should be "3.25" and swap pages 9 with 10; would provide an updated version '01b'.

Questions were asked and answered.

IMAT Reminder

11:32 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Lunch Break

Break at 12:00 p.m. Resumed at 1:25 p.m.

Presentation #E-4:

Title	Reference Ildd equations for HCB and MCB
Presenters	Adee Ran
URL	https://www.ieee802.org/3/dj/public/25_01/ran_3dj_04_2501.pdf

Questions were asked and answered.

Track Chair asked if there was objection to reopening #358 to add an explicit reference to the contribution. There was no objection.

Track Chair asked if there was objection to reopening #357 to add an explicit reference to the contribution. There was no objection.

Track Chair asked if there was objection to reopening #528 to include the addition of equation 179B-5. There was no objection.

IMAT Reminder

2:39 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Presentation #E-5:

Title	What is the correct value for Np for determining TxSNDR of test transmitter during calibration of the Interference Tolerance Test.
Presenters	Mike Dudek
URL	https://www.ieee802.org/3/dj/public/25_01/dudek_3dj_01_2501.pdf

Questions were asked and answered.

PM Break

Break at 3:21 p.m. Resumed at 3:58 p.m.

Track chair provided an update on the progress to closing the electrical comments. He noted that the only evening to go late was Tuesday night. He noted that some electrical comments may remain unresolved at this time due to the estimated closure rate. He asked if there was objection to extending the meeting until at least 7:00 p.m. Tuesday night. There was some discussion. There was no objection.

IMAT Reminder

5:24 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Track Chair announced a start time of 8:00 a.m. on Wednesday.

Meeting recessed for the day at 7:31 p.m.

21 January 2025 - Optical track

Track called to order at 9:00 Mountain Standard time (all times MST) by Mark Nowell, Optics Track Chair of the P802.3dj Task Force.

Track Chair reminded participants to declare their affiliation in the online meeting tool. Failure to declare affiliation would result in expulsion from the meeting.

Chair showed agenda slide #1 and reminded participants that participation in the meeting requires registration and payment of registration fee. The January 2025 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3 https://www.ieee802.org/3/dj/public/25_01/agenda_3dj_b_2501.pdf)

Track Chair made opening comments and reviewed the plans for the day.

Chair noted that the leadership would use IMAT as part of determining meeting attendance. He noted that only eligible attendees claiming meeting credit towards Working Group voting rights were to use IMAT. He noted that (1) participants not eligible to sign in to IMAT to claim Working Group attendance credit and (2) participants that are not on the Webex online meeting tool are to send an email to John D'Ambrosia / Kent Lusted to have their attendance recorded in the meeting minutes for the day. (see Agenda slide #16, https://www.ieee802.org/3/dj/public/25_01/agenda_3dj_b_2501.pdf)

Chair reviewed meeting decorum. (See Slide #8 of the agenda) Chair asked if there were any members of the press present. No one responded.

Chair reminded participants of the IEEE Code of Ethics and Conduct. (See slide #45 of the agenda) He noted "All participants in IEEE-SA activities are expected to adhere to the core principles underlying the IEEE Code of Ethics and IEEE Code of Conduct".

Comment resolution began at 9:05 a.m.

Presentation #O-1

Title	MPI Penalty for Optical PMDs
Presenters	Ali Ghiasi
URL	https://www.ieee802.org/3/dj/public/25_01/ghiasi_3dj_02_2501.pdf

Questions were asked and answered.

IMAT Reminder

9:25 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes.

AM Break

Break at 10:05. Resumed at 10:30.

Mark Nowell asked John D'Ambrosia to chair the meeting while he stepped away.. D'Ambrosia assumed chairing track meeting @ 10:50am.

IMAT Reminder

11:00 Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Presentation #O-2

Title	Editorial Team Comment Resolution Background - Optical Topics
Presenters	Eric Maniloff
URL	https://www.ieee802.org/3/dj/public/25_01/issenhuth_3dj_01a_2501.pdf

This was used to support the discussion around comment #333. Questions were asked and answered.

Lunch Break

Break at 12:00. Resumed at 1:15 with Mark Nowell back chairing the meeting..

Presentation #O-3

Title	802.3dj 800GBASE-LR1 Optical Parameter updates
Presenters	Eric Maniloff
URL	https://www.ieee802.org/3/dj/public/25_01/maniloff_3dj_02_2501.pdf

Questions were asked and answered.

IMAT Reminder

2:10pm Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

PM Break

Break at 3:00. Resumed at 3:20.

IMAT Reminder

3:55 Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John

D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Presentation #O-4

Title	Addressing Clause 185 comments against D1.3 for 800GBASE-LR1
Presenters	Kishore Kota
URL	https://www.ieee802.org/3/dj/public/25_01/kota_3dj_02_2501.pdf

Questions were asked and answered.

Presentation #O-5

Title	802.3dj Clause 185A Definitions
Presenters	Eric Maniloff
URL	https://www.ieee802.org/3/dj/public/25_01/maniloff_3dj_01a_2501.pdf

Questions were asked and answered.

Kishore Kota again presented Presentation #O-3 to address the second part of his presentation that is relevant to comment #475.

Start time of 8:30 a.m. on Wednesday.

Meeting recessed for the day at 5:00 p.m.

21 January 2025 - Logic track

Track called to order at 8:03 a.m. Mountain Standard time (all times MST) by Gary Nicholl, Logic Track Chair of the P802.3dj Task Force.

Track Chair reminded participants to declare their affiliation in the online meeting tool. Failure to declare affiliation would result in expulsion from the meeting.

Chair showed agenda slide #1 and reminded participants that participation in the meeting requires registration and payment of registration fee. The January 2025 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3 https://www.ieee802.org/3/dj/public/25_01/agenda_3dj_b_2501.pdf)

Chair noted that the leadership would use IMAT as part of determining meeting attendance. He noted that only eligible attendees claiming meeting credit towards Working Group voting rights were to use IMAT. He noted that (1) participants not eligible to sign in to IMAT to claim Working Group attendance credit and (2) participants that are not on the Webex online meeting tool are to send an email to John D'Ambrosia / Kent Lusted to have their attendance recorded in the meeting minutes for the day. (see Agenda slide #16, https://www.ieee802.org/3/dj/public/25_01/agenda_3dj_b_2501.pdf)

Chair reviewed meeting decorum. (See Slide #7 of the agenda) Chair asked if there were any members of the press present. No one responded.

Chair reminded participants of the IEEE Code of Ethics and Conduct. (See slide #45 of the agenda) He noted "All participants in IEEE-SA activities are expected to adhere to the core principles underlying the IEEE Code of Ethics and IEEE Code of Conduct".

Track Chair made opening comments and reviewed the plans for the day.

Comment resolution began at 08:10. a.m.

Presentation #L-1

Title	800GBASE-ER1 Architecture(comments 36 and 218)
Presenters	Tom Huber
URL	https://www.ieee802.org/3/dj/public/25_01/huber_3dj_01_2501.pdf

Questions were asked and answered.

Mike Sluski (Cisco) mentioned he had a late contribution containing measured delay data on 800GBASE-ER1 in support of comment #73. The Chair asked if there was any opposition to hearing Mike's late contribution. There was none. Mike to forward the presentation to John D'Ambrosia for posting as sluski_3dj_01_2501.

Presentation #L-2

Title	800G Delay Measurement
Presenters	Mike Sluski
URL	https://www.ieee802.org/3/dj/public/25_01/sluski_3dj_01_2501.pdf

Questions were asked and answered.

Presentation #L-3

Title	800GBASE-LR1 Permutation function (In support of comment #156)
Presenters	Leon Bruckman
URL	https://www.ieee802.org/3/dj/public/25_01/bruckman_3dj_01_2501.pdf

Questions were asked and answered.

IMAT Reminder

9:45 Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes.

AM Break

Break at 10:03. Resumed at 10:35.

IMAT Reminder

11:50 Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Lunch Break

Break at 11:56. Resumed at 1:15

Presentation #L-3

Title	Proposed update to Figure 176-2 to more accurately capture "Symbol Demultiplexing" function (in support of comment #420 against D1.3)
Presenters	Gary Nicholl
URL	https://www.ieee802.org/3/dj/public/25_01/nicholl_3dj_02_2501.pdf

Questions were asked and answered.

IMAT Reminder

15:04 Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

PM Break

Break at 15:35 . Resumed at 16:00

IMAT Reminder

17:02 Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Chair announced that logic comment resolution would resume at 8:00 a.m. on Wednesday.

Meeting recessed for the day at 17:38.

22 January 2025 - Electrical Track

Track called to order at 8:09 a.m. Mountain Standard time (all times MST) by Kent Lusted, Electrical Track Chair of the P802.3dj Task Force.

Track Chair reminded participants to declare their affiliation in the online meeting tool. Failure to declare affiliation would result in expulsion from the meeting.

Chair showed agenda slide #1 and reminded participants that participation in the meeting requires registration and payment of registration fee. The January 2025 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3 https://www.ieee802.org/3/dj/public/25_01/agenda_3dj_b_2501.pdf)

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Chair reviewed meeting decorum. (See Slide #8 of the agenda) Chair asked if there were any members of the press present. No one responded.

Chair reminded participants of the IEEE Code of Ethics and Conduct. (See slide #45 of the agenda) He noted "All participants in IEEE-SA activities are expected to adhere to the core principles underlying the IEEE Code of Ethics and IEEE Code of Conduct".

Comment resolution began at 8:12 a.m.

Straw Poll #E-1

Type: Direction
(see comment 533)

IMAT Reminder

9:23 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes.

AM Break

Break at 10:02 a.m. Resumed at 10:34 a.m.

Track chair reviewed the status of the comment resolution progress. He noted that it was likely that the comment resolution group would leave several comments unresolved against the draft. The Task Force leadership would provide an update on Thursday.

IMAT Reminder

11:41 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Presentation #E-6:

Title	Converging on ICN values for Mated compliance Test Fixtures in 802.3dj Annex 179B
Presenters	Kevin Mammenga
URL	https://www.ieee802.org/3/dj/public/25_01/mammenga_3dj_01a_2501.pdf

Error on slide 5 with the start and stop labels; author to provide an updated version '01a'. Questions were asked and answered.

Track chair reminded in-person attendees of the social event on Wednesday night and provided the details.

Lunch Break

Break at 12:09 p.m. Resumed at 1:35 p.m.

Straw Poll #E-2

Type: Decision

(See comment #465)

Presentation #E-7:

Title	Mated Test Fixture (MTF) Specifications Adding COM
Presenters	Rich Mellitz
URL	https://www.ieee802.org/3/dj/public/25_01/mellitz_3dj_01a_2501.pdf

Questions were asked and answered.

Rich Mellitz withdrew comment #51.

IMAT Reminder

2:41 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Straw Poll #E-3

Type: Directional

(see Comment #303)

PM Break

Break at 3:18 p.m. Resumed at 3:50 p.m.

Presentation #E-8:

Title	Physical layer jitter proposal to advance/close current comments against present JRMS and J4u03 methodology
Presenters	John Calvin
URL	https://www.ieee802.org/3/dj/public/25_01/calvin_3dj_01b_2501.pdf

Questions were asked and answered.

IMAT Reminder

4:51 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Track chair reviewed the status of the comment resolution progress. He noted that it was likely that the comment resolution group would leave several comments unresolved against the draft. The Task Force leadership would provide an update on Thursday.

Track chair reminded participants of the social event on Wednesday evening.

Track chair reminded participants to review the proposal liaison responses.

Track chair noted that the meeting would resume at 8:00 a.m. on Thursday

Track chair reviewed the status of the comment resolution progress. He noted that it was likely that the comment resolution group would leave several comments unresolved against the draft.

Meeting recessed for the day at 5:58 p.m.

22 January 2025 - Optical Track

Track called to order at 8:30am Mountain Standard time (all times MST) by Mark Nowell, Optics Track Chair of the P802.3dj Task Force.

Track Chair reminded participants to declare their affiliation in the online meeting tool. Failure to declare affiliation would result in expulsion from the meeting.

Chair showed agenda slide #1 and reminded participants that participation in the meeting requires registration and payment of registration fee. The January 2025 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3 https://www.ieee802.org/3/dj/public/25_01/agenda_3dj_b_2501.pdf)

The Task Force chair talked to the track about how we are still seeing people logging into these meetings for very short duration and also logging in to IMAT and declaring that they attended 75% of the session - presumably to gain voting rights. These people will have their attendance removed from the IMAT. Please remember that by logging into IMAT you are affirming that you have attended 75% of the session.

Track Chair made opening comments and reviewed the plans for the day. The Logic track will be joining the Optical track

Comment resolution began at 8:40 a.m.

IMAT Reminder

9:25 Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes.

AM Break

Break at 9:55. Resumed at 10:15.

The rest of the track breakout meeting will be a combined optical and logic track session. Mark Nowell and Gary Nicholl lead the session.

Presentation #O-6

Title	Editorial Team Comment Resolution Background - "Common" Topics
Presenters	Matt Brown
URL	https://www.ieee802.org/3/dj/public/25_01/brown_3dj_03a_2501.pdf

This was used to support the discussion around comment #275. Questions were asked and answered.

Presentation #O-7

Title	Addressing Clause 184 comments against D1.3 for 800GBASE-LR1
Presenters	Kishore Kota
URL	https://www.ieee802.org/3/dj/public/25_01/kota_3dj_01_2501.pdf

Questions were asked and answered.

Presentation #O-8

Title	Test patterns for Inner FEC(s)
Presenters	Xiang He
URL	https://www.ieee802.org/3/dj/public/25_01/he_3dj_01_2501.pdf

Questions were asked and answered.

IMAT Reminder

11:15am Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Lunch Break

Break at 12:00pm. Resumed at 1:00pm.

Presentation #O-9

Title	oFECCodeword Error Marking
Presenters	Mike Sluyski/Matt Brown
URL	https://www.ieee802.org/3/dj/public/25_01/sluyski_3dj_02_2501.pdf

IMAT Reminder

1:15 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

The Optical Track and Logic Track meetings recessed at 1:40 p.m.

22 January 2025 - Logic track

Track called to order at 8:04 a.m. Mountain Standard time (all times MST) by Gary Nicholl, Logic Track Chair of the P802.3dj Task Force.

Track Chair reminded participants to declare their affiliation in the online meeting tool. Failure to declare affiliation would result in expulsion from the meeting.

Chair showed agenda slide #1 and reminded participants that participation in the meeting requires registration and payment of registration fee. The January 2025 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3 https://www.ieee802.org/3/dj/public/25_01/agenda_3dj_b_2501.pdf)

Track Chair made opening comments and reviewed the plans for the day.

Comment resolution began at 8:09 am

During the review of comment #, the consensus was that wider discussion of this topic with some of the optical experts would be beneficial. The logic group updated the proposed response based on their understanding and decided to add the comment to the joint logic/optical session for further discussion.

IMAT Reminder

9:05 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes.

Meeting recessed for the day at 9:40 a.m.

23 January 2025

Meeting reconvened at 8:05 a.m. Mountain Standard time (all times MST) by John D'Ambrosia, Chair of the P802.3dj Task Force.

Chair reminded participants to declare their affiliation in the online meeting tool. Failure to declare affiliation would result in expulsion from the meeting.

Chair showed agenda slide #1 and reminded participants that participation in the November 2024 Plenary meeting requires registration and payment of registration fee. The November 2024 Plenary meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3 https://www.ieee802.org/3/dj/public/25_01/agenda_3dj_b_2501.pdf)

Chair made opening comments and reviewed the plans for the day.

Chair noted that the leadership would use IMAT as part of determining meeting attendance. He noted that only eligible attendees claiming meeting credit towards Working Group voting rights were to use IMAT. He noted that (1) participants not eligible to sign in to IMAT to claim Working Group attendance credit and (2) participants that are not on the Webex/Zoom online meeting tool are to send an email to John D'Ambrosia / Kent Lusted to have their attendance recorded in the meeting minutes for the day. (see Agenda slide #16 https://www.ieee802.org/3/dj/public/25_01/agenda_3dj_2501.pdf)

Chair reviewed meeting decorum. (See Slide #7 of the agenda) Chair asked if there were any members of the press present. No one responded.

Chair reminded participants of the IEEE Code of Ethics and Conduct. (See slide #43 of the agenda) He noted "All participants in IEEE-SA activities are expected to adhere to the core principles underlying the IEEE Code of Ethics and IEEE Code of Conduct".

Chair reviewed the plans for the day.

John D'Ambrosia showed the proposed liaison communication from IEEE to the OIF. He provided an overview of the letter. Changes were made and saved to the filename to align with IEEE 802.3 conventions. (see: https://www.ieee802.org/3/dj/public/25_01/IEEE_802d3_to_OIF_3dj_2501_Redacted.pdf)

John D'Ambrosia showed the proposed liaison communication from IEEE to the INCITS. He provided an overview of the letter. Changes were made and saved to the filename to align with IEEE 802.3 conventions. (see: https://www.ieee802.org/3/dj/public/25_01/IEEE_802d3_to_INC_3dj_2501_FC_Redacted.pdf)

Chair noted that he would be requesting the appointment of Tom Palkert as the INCITS liaison.

John D'Ambrosia showed the proposed liaison communication from IEEE to the ITU-T. He provided an overview of the letter. Changes were made and saved to the filename to align with IEEE 802.3 conventions. (see: https://www.ieee802.org/3/dj/public/25_01/IEEE_802d3_to_ITU_3dj_2501_Redacted.pdf)

Motion #2: liaison	Move that the IEEE P802.3dj Task Force approve: <ul style="list-style-type: none"> • IEEE_802d3_to_OIF_3dj_2501_Redacted.pdf • IEEE_802d3_to_ITU_3dj_2501_Redacted.pdf • IEEE_802d3_to_INC_3dj_2501_FC_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 OIF, ITU-T, and INCITS/Fibre Channel.
Technical (>= 75%)	
Moved by	Mark Nowell
Second by	Scott Sommers
Results 802.3 (y/n/a)	Passed by unanimous consent. 8:17 a.m.

Chair passed the comment resolution responsibilities at 8:15 a.m.

Straw Poll TF-8

Type: Directional

(see comment #131)

STraw Poll TF-9

Type: Directional

(see comment #131)

IMAT Reminder

9:41 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

AM Break

Break at 9:55 a.m. Resumed at 10:25 a.m.

IMAT Reminder

10:32 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

STraw Poll TF-10

Type: Directional

(see comment #303)

STraw Poll TF-11

Type: Directional

(see comment #303)

Presentation #TF-7:

Title	Partial channel model impacts on COM for CR Channels
Presenters	Sam Kocsis
URL	https://www.ieee802.org/3/dj/public/25_01/kocsis_3dj_01_2501.pdf

Questions were asked and answered.

STraw Poll TF-12

Type: Directional

(see comment #393)

Lunch Break

Break at 12:08 p.m. Resumed at 1:35 p.m.

Chair reminded participants of the liaison received from the ITU-T that would be deferred to the logic ad hoc. The logic ad hoc will prepare a proposed response for consideration at the March 2025 plenary meeting.

IMAT Reminder

2:43 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

PM Break

Break at 3:06 p.m. Resumed at 3:31 p.m.

Presentation #TF-8:

Title	PHY transmitter block error ratio
Presenters	Matt Brown
URL	https://www.ieee802.org/3/dj/public/25_01/brown_3dj_04_2501.pdf

Questions were asked and answered.

IMAT Reminder

4:04 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Ali Ghiasi withdrew comment #253.

Ali Ghiasi withdrew comment #260.

Presentation #TF-9:

Title	S-Parameter Stop Frequency Impact on COM and ERL
Presenters	Rich Mellitz
URL	https://www.ieee802.org/3/dj/public/25_01/mellitz_3dj_02_2501.pdf

Questions were asked and answered.

Comment resolution ended at 5:49 p.m.

The Chief Editor noted that 18 comments remained unresolved by the CRG. One comment had a TBD on the MTF

Chair noted that motions would be taken with the Direct Vote Live tool if there was not unanimous consent. Chair asked if there would be opposition to attempt the vote by unanimous consent. No one responded.

Motion #3: D1.4	Move that the IEEE P802.3dj Task Force generate Draft 1.4 for the fifth Task Force Review from D1.3 and the closed comments
Technical (>= 75%)	
Moved by	Matt Brown
Second by	Ali Ghiasi
Results 802.3 (y/n/a)	Passed by unanimous consent. 5:55 p.m.

Chair noted that closed comments also includes the comments in bucket1 adopted by Motion #TF-1 on Monday, 20 January 2025.

Chair thanked the editorial team for their work to prepare responses and lead comment resolution.

Chair reviewed future meetings.

Chair noted that the agenda was complete.

Meeting adjourned at 5:59 p.m.

Attendees (per IMAT)

Note: the Task Force attendance records below capture individuals that registered their attendance via IMAT for one or more “slots” on the specified day

20 January 2025 - Task Force

Name	Employer	Affiliation
Ahuja, Ramanjit	ON Semiconductor	ON Semiconductor
Benyamin, Saied	Ethernovia	Ethernovia
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Brooks, Paul	Viavi solutions GmbH	Viavi Solutions
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia
Cai, Yuefeng	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Calvin, John	Keysight Technologies	Keysight Technologies
Castro, Jose	Panduit	Panduit Corp.
Chan, Jason		Arista Networks
Chen, Chan	Self Employed	Independent/AOI
Chen, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
cheng, weiqiang	China Mobile Limited	China Mobile Limited
Chini, Ahmad	Broadcom Corporation	Broadcom Corporation
Choudhury, Golam	OFS	OFS
Cole, Christopher R	Finisar Corporation	Coherent Corp.
Cox, Ian		Broadcom Corporation
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Affiliate of Huawei
Dawe, Piers J G	NVIDIA	Nvidia

Name	Employer	Affiliation
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Dudek, Michael	Marvell	Marvell
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Estes, David	Spirent Communications	Spirent Communications
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
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
Gorshe, Steven Scott	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
Ho, Matthew		TE Connectivity
Huang, Kechao		Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Hutchins, Jeff	Ranovus	Ranovus
Isono, Hideki	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd

Name	Employer	Affiliation
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom Corporation
Kapoor, Samay	Aviva Links	Aviva Links Inc.
Kim, Yongbum	Tenstorrent	General Motors Company
Kimber, Eric	Semtech Ltd	Semtech Ltd
Klingensmith, William	U.S. Federal Government	U.S. Federal Government
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
Krishnasamy, Kumaran	Broadcom Corporation	Broadcom Corporation
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Lasry, Ariel	Qualcomm Technologies, Inc	Qualcomm Technologies, Inc
Levin, Itamar	Altera Corporation, an Intel company	Altera - an Intel Company
Levy, Nir		Alphawave Semi
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.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Karen	Nubis Communications	Nubis Communications

Name	Employer	Affiliation
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Mammenga, Kevin		Wilder Technologies
Maniloff, Eric	Ciena Corporation	Ciena Corporation
mash, chris	Nupero Ltd	Ethernovia 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.
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muhigana, Ernest		Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
MURAKAMI, YUKI	FUJITSU	FUJITSU
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nakamoto, Edward	Spirent Communications	Spirent Communications
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)
Nikolich, Paul	Paul Nikolich	Paul Nikolich; Representing myself
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
Noujeim, Leesa	Google	Google
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.

Name	Employer	Affiliation
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
OGAWA, SHOJI	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Omori, Kumi	NEC Corporation	NEC Corporation
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Pal, Debajyoti		ON Semiconductor
Palkert, Thomas	Macom, Samtec	Samtec-Macom
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Phadke, Rohan		Arista Networks
Piehler, David	Dell Technologies	Dell
Pineda, Luis	LP Tech Advisors, LLC	LP Tech Advisors, LLC; 7Rays; Ethernovia; Samsung
Pinto, Anthony		CoMira Solutions
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Rodes, Roberto	II-VI	II-VI
Royer, Tyler	SENKO Advanced Components	Senko Advanced Components
Rubin, Amir		NVIDIA
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Cadence Design Systems	Cadence

Name	Employer	Affiliation
Sambasivan, Sam	AT&T	AT&T
Sedarat, Hossein	Ethernovia	Ethernovia
Sekel, Steve	Wilder Technologies	Wilder Technologies
Shah, Anup	Siemens Corporation	Siemens EDA
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Shanbhag, Megha	Tyco	TE Connectivity
Sheffi, Nir	Alphawave	Alphawave
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.
Sommers, Scott	Molex LLC	Molex Incorporated
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Stephens, Jeremy	Intel	AMD
Sun, Junqing	Credo Semiconductor	Credo Semiconductor
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Infinera
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Theodoras, James	HG Genuine	QXP Technologies
tian, yuchi		China Mobile

Name	Employer	Affiliation
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Ulrichs, Ed	Intel	Intel
Veloso Cauce, Gumersindo	BMW Group	BMW AG; BMW Group
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
Wang, Ruoxu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
WANG, Xuebo		Huawei Technologies Co., Ltd
Watanabe, Yojiro	Mitsubishi Electric US, Inc.	Mitsubishi Electric US, Inc.
Watanabe, Yuji	AGC Inc.	AGC
Weaver, James	Arista Networks	Arista Networks
Welch, Brian	Cisco Systems, Inc.	Luxtera
Williams, Tom	Cisco Systems, Inc.	Cisco Systems, Inc.
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zhuang, Shu		Anritsu Company
Zivny, Pavel	IEEE member / Self Employed	IEEE member / Self Employed

21 January 2025 - Electrical Track

Name	Employer	Affiliation
Brooks, Paul	Viavi solutions GmbH	Viavi Solutions
Calvin, John	Keysight Technologies	Keysight Technologies

Name	Employer	Affiliation
Chan, Jason		Arista Networks
cheng, weiqiang	China Mobile Limited	China Mobile Limited
Cox, Ian		Broadcom Corporation
Dawe, Piers J G	NVIDIA	Nvidia
Dudek, Michael	Marvell	Marvell
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Ganesan, Aravind	Texas Instruments Inc.	Texas Instruments Inc.
Gauthier, Claude	NXP Semiconductors	NXP Semiconductors
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
Goel, Sachin	Aviva Links Inc	Aviva Links Inc
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	TE Connectivity	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Ho, Matthew		TE Connectivity
Kapoor, Samay	Aviva Links	Aviva Links Inc.
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Krishnasamy, Kumaran	Broadcom Corporation	Broadcom Corporation

Name	Employer	Affiliation
Levin, Itamar	Altera Corporation, an Intel company	Altera - an Intel Company
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lieder, Eyal	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Karen	Nubis Communications	Nubis Communications
Mammenga, Kevin		Wilder Technologies
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
MURAKAMI, YUKI	FUJITSU	FUJITSU
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Ng, Hiok Tiaq	Aviva Links Inc.	Aviva Links Inc; Aviva Links Inc.
Noujeim, Leesa	Google	Google
Pal, Debajyoti		ON Semiconductor
Palkert, Thomas	Macom, Samtec	Samtec-Macom
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Phadke, Rohan		Arista Networks
Pineda, Luis	LP Tech Advisors, LLC	LP Tech Advisors, LLC; 7Rays; Ethernovia; Samsung
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

Name	Employer	Affiliation
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Rubin, Amir		NVIDIA
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Cadence Design Systems	Cadence
Sambasivan, Sam	AT&T	AT&T
Sedarat, Hossein	Ethernovia	Ethernovia
Sekel, Steve	Wilder Technologies	Wilder Technologies
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Shanbhag, Megha	Tyco	TE Connectivity
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.
Sommers, Scott	Molex LLC	Molex Incorporated
Stephens, Jeremy	Intel	AMD
Sun, Junqing	Credo Semiconductor	Credo Semiconductor

Name	Employer	Affiliation
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Infinera
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tracy, Nathan	TE Connectivity	TE Connectivity
Weaver, James	Arista Networks	Arista Networks
Yin, Changgang		ZTE Corporation
Zerna, Conrad	Aviva Links Inc	Aviva Links Inc
Zivny, Pavel	IEEE member / Self Employed	IEEE member / Self Employed

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Name	Employer	Affiliation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Bernstein, Gary	Leviton Manufacturing Co.	The Siemon Company
Brillhart, Theodore	Fluke Corporation	Fluke Corporation
Cai, Yuefeng	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Castro, Jose	Panduit	Panduit Corp.
Chen, Chan	Self Employed	Independent/AOI
Choudhury, Golam	OFS	OFS

Name	Employer	Affiliation
Cole, Christopher R	Finisar Corporation	Coherent Corp.
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
He, Michael		Innolight Technology Corporation
Isono, Hideki	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom Corporation
Kagami, Manabu	Nagoya Institute of Technology	Nagoya Institute of Technology (NITech)
Kimber, Eric	Semtech Ltd	Semtech Ltd
Klingensmith, William	U.S. Federal Government	U.S. Federal Government
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
LI, ERGE	Huawei Technologies Co., Ltd	Huawei

Name	Employer	Affiliation
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Maniloff, Eric	Ciena Corporation	Ciena Corporation
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Muhigana, Ernest		Lumentum
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
OGAWA, SHOJI	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Omori, Kumi	NEC Corporation	NEC Corporation
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Piehler, David	Dell Technologies	Dell
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Rodes, Roberto	II-VI	II-VI
Royer, Tyler	SENKO Advanced Components	Senko Advanced Components

Name	Employer	Affiliation
SAWANO, Hiroshi	OITDA (Optoelectronics Industry and Technology Development Association)	OITDA
Sheffi, Nir	Alphawave	Alphawave
Sluyski, MIke	Cisco Systems, Inc.	Cisco Systems, Inc.
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tan, Yuxuan	Motorcomm	Motorcomm
Theodoras, James	HG Genuine	QXP Technologies
Ulrichs, Ed	Intel	Intel
Wang, Ruoxu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Watanabe, Yojiro	Mitsubishi Electric US, Inc.	Mitsubishi Electric US, Inc.
Watanabe, Yuji	AGC Inc.	AGC
Welch, Brian	Cisco Systems, Inc.	Luxtera
Williams, Tom	Cisco Systems, Inc.	Cisco Systems, Inc.
Zhuang, Shu		Anritsu Company

Name	Employer	Affiliation
Benyamin, Saied	Ethernovia	Ethernovia
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Affiliate of Huawei
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Estes, David	Spirent Communications	Spirent Communications
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
Graba, James	Broadcom Corporation	Broadcom Corporation
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huang, Kechao		Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Kim, Yongbum	Tenstorrent	General Motors Company
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Levy, Nir		Alphawave Semi
Maniloff, Eric	Ciena Corporation	Ciena Corporation
mash, chris	Nupero Ltd	Ethernovia Inc

Name	Employer	Affiliation
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muller, Shimon	Enfabrica Corp.	Enfabrica
Nakamoto, Edward	Spirent Communications	Spirent Communications
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Pinto, Anthony		CoMira Solutions
Rubin, Amir		NVIDIA
Sambasivan, Sam	AT&T	AT&T
Shah, Anup	Siemens Corporation	Siemens EDA
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Sluyski, MIke	Cisco Systems, Inc.	Cisco Systems, Inc.
Tran, Viet	Keysight Technologies	Keysight Technologies
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)

Name	Employer	Affiliation
WANG, Xuebo		Huawei Technologies Co., Ltd
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

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Name	Employer	Affiliation
Beauregard, Francois	Belden Canada ULC	Belden
Benyamin, Saied	Ethernovia	Ethernovia
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Chen, Chan	Self Employed	Independent/AOI
Cole, Christopher R	Finisar Corporation	Coherent Corp.
Estes, David	Spirent Communications	Spirent Communications
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huang, Kechao		Huawei Technologies Co., Ltd
Isono, Hideki	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Klingensmith, William	U.S. Federal Government	U.S. Federal Government

Name	Employer	Affiliation
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
mash, chris	Nupero Ltd	Ethernovia Inc
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muhigana, Ernest		Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
OGAWA, SHOJI	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Omori, Kumi	NEC Corporation	NEC Corporation
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Pinto, Anthony		CoMira Solutions

Name	Employer	Affiliation
Rodes, Roberto	II-VI	II-VI
Shah, Anup	Siemens Corporation	Siemens EDA
Sluyski, MIke	Cisco Systems, Inc.	Cisco Systems, Inc.
Theodoras, James	HG Genuine	QXP Technologies
Tran, Viet	Keysight Technologies	Keysight Technologies
Ulrichs, Ed	Intel	Intel
Welch, Brian	Cisco Systems, Inc.	Luxtera
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zhuang, Shu		Anritsu Company

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Name	Employer	Affiliation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Bernstein, Gary	Leviton Manufacturing Co.	The Siemon Company
Cai, Yuefeng	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Castro, Jose	Panduit	Panduit Corp.
Chen, Chan	Self Employed	Independent/AOI

Choudhury, Golam	OFS	OFS
Cole, Christopher R	Finisar Corporation	Coherent Corp.
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Estes, David	Spirent Communications	Spirent Communications
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Graba, James	Broadcom Corporation	Broadcom Corporation
He, Michael		Innolight Technology Corproation
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huang, Kechao		Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Isono, Hideki	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom Corporation
Kagami, Manabu	Nagoya Institute of Technology	Nagoya Institute of Technology (NITech)
Kimber, Eric	Semtech Ltd	Semtech Ltd
Klingensmith, William	U.S. Federal Government	U.S. Federal Government
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation

Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Levy, Nir		Alphawave Semi
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Maniloff, Eric	Ciena Corporation	Ciena Corporation
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muhigana, Ernest		Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
OGAWA, SHOJI	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited

Omori, Kumi	NEC Corporation	NEC Corporation
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Pinto, Anthony		CoMira Solutions
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Rodes, Roberto	II-VI	II-VI
Rubin, Amir		NVIDIA
Sambasivan, Sam	AT&T	AT&T
SAWANO, Hiroshi	OITDA (Optoelectronics Industry and Technology Development Association)	OITDA
Shah, Anup	Siemens Corporation	Siemens EDA
Sheffi, Nir	Alphawave	Alphawave
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Sluyski, Mike	Cisco Systems, Inc.	Cisco Systems, Inc.
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED

TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tan, Yuxuan	Motorcomm	Motorcomm
Theodoras, James	HG Genuine	QXP Technologies
Tran, Viet	Keysight Technologies	Keysight Technologies
Ulrichs, Ed	Intel	Intel
Wang, Ruoxu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
WANG, Xuebo		Huawei Technologies Co., Ltd
Welch, Brian	Cisco Systems, Inc.	Luxtera
Williams, Tom	Cisco Systems, Inc.	Cisco Systems, Inc.
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zhuang, Shu		Anritsu Company

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Name	Employer	Affiliation
Benyamin, Saied	Ethernovia	Ethernovia
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Estes, David	Spirent Communications	Spirent Communications
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

Name	Employer	Affiliation
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
Graba, James	Broadcom Corporation	Broadcom Corporation
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huang, Kechao		Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Levy, Nir		Alphawave Semi
mash, chris	Nupero Ltd	Ethernovia Inc
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muller, Shimon	Enfabrica Corp.	Enfabrica
Nakamoto, Edward	Spirent Communications	Spirent Communications
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Pinto, Anthony		CoMira Solutions
Rubin, Amir		NVIDIA
Shah, Anup	Siemens Corporation	Siemens EDA

Name	Employer	Affiliation
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Tran, Viet	Keysight Technologies	Keysight Technologies
WANG, Xuebo		Huawei Technologies Co., Ltd

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Name	Employer	Affiliation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Bernstein, Gary	Leviton Manufacturing Co.	The Siemon Company
Brooks, Paul	Viavi solutions GmbH	Viavi Solutions
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia
Cai, Yuefeng	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Calvin, John	Keysight Technologies	Keysight Technologies
Castro, Jose	Panduit	Panduit Corp.
Chan, Jason		Arista Networks
Chen, Chan	Self Employed	Independent/AOI
cheng, weiqiang	China Mobile Limited	China Mobile Limited
Choudhury, Golam	OFS	OFS

Name	Employer	Affiliation
Cole, Christopher R	Finisar Corporation	Coherent Corp.
Cox, Ian		Broadcom Corporation
Dalmia, Kamal	Aviva Links Inc	Aviva Links Inc
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Affiliate of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Dudek, Michael	Marvell	Marvell
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Estes, David	Spirent Communications	Spirent Communications
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, 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
Ho, Matthew		TE Connectivity
Huang, Kechao		Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia

Name	Employer	Affiliation
Hutchins, Jeff	Ranovus	Ranovus
Isono, Hideki	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom Corporation
Klingensmith, William	U.S. Federal Government	U.S. Federal Government
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.
Krishnasamy, Kumaran	Broadcom Corporation	Broadcom Corporation
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Levin, Itamar	Altera Corporation, an Intel company	Altera - an Intel Company
Levy, Nir		Alphawave Semi
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.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation

Name	Employer	Affiliation
Liu, Karen	Nubis Communications	Nubis Communications
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Mammenga, Kevin		Wilder Technologies
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muhigana, Ernest		Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
MURAKAMI, YUKI	FUJITSU	FUJITSU
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nakamoto, Edward	Spirent Communications	Spirent Communications
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)
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
Noujeim, Leesa	Google	Google

Name	Employer	Affiliation
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
OGAWA, SHOJI	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Omori, Kumi	NEC Corporation	NEC Corporation
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Palkert, Thomas	Macom, Samtec	Samtec-Macom
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Phadke, Rohan		Arista Networks
Pinto, Anthony		CoMira Solutions
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Rodes, Roberto	II-VI	II-VI
Royer, Tyler	SENKO Advanced Components	Senko Advanced Components
Rubin, Amir		NVIDIA
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Cadence Design Systems	Cadence

Name	Employer	Affiliation
Sambasivan, Sam	AT&T	AT&T
SAWANO, Hiroshi	OITDA (Optoelectronics Industry and Technology Development Association)	OITDA
Sekel, Steve	Wilder Technologies	Wilder Technologies
Shah, Anup	Siemens Corporation	Siemens EDA
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Shanbhag, Megha	Tyco	TE Connectivity
Sheffi, Nir	Alphawave	Alphawave
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Sluyski, Mike	Cisco Systems, Inc.	Cisco Systems, Inc.
Smith, Evan		Tektronix, Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Sun, Junqing	Credo Semiconductor	Credo Semiconductor
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Infinera

Name	Employer	Affiliation
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Theodoras, James	HG Genuine	QXP Technologies
tian, yuchi		China Mobile
Toyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Ulrichs, Ed	Intel	Intel
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
Wang, Ruoxu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
WANG, Xuebo		Huawei Technologies Co., Ltd
Weaver, James	Arista Networks	Arista Networks
Welch, Brian	Cisco Systems, Inc.	Luxtera
Williams, Tom	Cisco Systems, Inc.	Cisco Systems, Inc.
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yin, Changgang		ZTE Corporation
Zhuang, Shu		Anritsu Company
Zivny, Pavel	IEEE member / Self Employed	IEEE member / Self Employed

