

# 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

## 5 September 2024

September 2024 Session

Location: Electronic Teleconference (5 September) and Hamburg, Germany (16-19 September)

IEEE P802.3dj Task Force September 2024 Meeting Task Force Page -

[https://www.ieee802.org/3/dj/public/24\\_09/index.html](https://www.ieee802.org/3/dj/public/24_09/index.html)

Session called to order at 10:01 a.m. Eastern Daylight Savings Time 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 5 September electronic meeting does not require registration or payment of registration fee. The meeting does not count towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1)

If you 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	<b>Agenda and General Information</b>
Presenters	John D'Ambrosia
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.pdf</a>

Chair welcomed everyone to the meeting.

Chair noted that every attendee at the IEEE 802.3 September interim 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 #4-5). 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 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 Task Force

- July 2024 Plenary - [https://www.ieee802.org/3/dj/public/24\\_07/minutes\\_3dj\\_2407\\_unapproved.pdf](https://www.ieee802.org/3/dj/public/24_07/minutes_3dj_2407_unapproved.pdf)
- Electrical ad hoc
  - 1 August 2024: [https://www.ieee802.org/3/dj/public/adhoc/electrical/24\\_0801/minutes\\_3dj\\_elec\\_240801\\_unapproved.pdf](https://www.ieee802.org/3/dj/public/adhoc/electrical/24_0801/minutes_3dj_elec_240801_unapproved.pdf)
  - 22 August 2024: [https://www.ieee802.org/3/dj/public/adhoc/electrical/24\\_0822/minutes\\_3dj\\_elec\\_240822\\_a\\_unapproved.pdf](https://www.ieee802.org/3/dj/public/adhoc/electrical/24_0822/minutes_3dj_elec_240822_a_unapproved.pdf)
- Optics / Logic Joint ad hoc
  - 29 Aug 2024 - [https://www.ieee802.org/3/dj/public/adhoc/optics/0824\\_OPTX/minutes\\_3dj\\_optx\\_240829\\_unapproved.pdf](https://www.ieee802.org/3/dj/public/adhoc/optics/0824_OPTX/minutes_3dj_optx_240829_unapproved.pdf)
- COM ad hoc
  - 30 July 2024: [https://www.ieee802.org/3/dj/public/adhoc/COM/24\\_0730/minutes\\_3dj\\_COM\\_240730\\_a\\_unapproved.pdf](https://www.ieee802.org/3/dj/public/adhoc/COM/24_0730/minutes_3dj_COM_240730_a_unapproved.pdf)
  - 13 August 2024: [https://www.ieee802.org/3/dj/public/adhoc/COM/24\\_0813/minutes\\_3dj\\_COM\\_240813\\_unapproved.pdf](https://www.ieee802.org/3/dj/public/adhoc/COM/24_0813/minutes_3dj_COM_240813_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 #7) 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 noted that the meetings at the September 2024 interim may run until 9pm local time on Monday and Tuesday.

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

Chair reviewed attendance. (See Slide #9) 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 #10).

Chair reviewed the goals for the session (see slide #11).

Chair reviewed ground rules. (See Slide #13)

Chair reviewed the current state of the Task Force. (See Slide #14)

Chair reviewed voting in the task force. (see slide #15) Chair noted that the straw polls would use the online Zoom 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 September interim meeting.

Chair reminded participants of the deadline to request presentations, 5 September 2024 AOE, per the meeting announcement (see: <https://www.ieee802.org/3/B400G/email/msg01228.html> ). He noted that presentations would be due on 9 September 2024, AOE.

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.

**Presentation #TF-1:**

Title	<b>IEEE P802.3dj Editorial Team Report</b>
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Presenters	Matt Brown
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/brown_3dj_01_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/brown_3dj_01_2409.pdf</a>

Questions were asked and answered.

**Presentation #TF-2:**

Title	<b>P802.3dj D1.1 Comment Resolution Agenda (preliminary)</b>
Presenters	Matt Brown
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/brown_3dj_02_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/brown_3dj_02_2409.pdf</a>

Author noted that Tuesday evening could be optic and electrical track meetings on slide 5. He would update the contribution to version '02a' with the correction.

Questions were asked and answered.

Kent Lusted noted that he sent a summary of the requests to pull comments from the P802.3dj D1.1 bucket1 received before the deadline. (see: <https://www.ieee802.org/3/B400G/email/msg01258.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.

<b>Motion #1:</b>	Move to adopt the proposed responses for P802.3dj D1.1 comment resolution in 'bucket1' <a href="https://www.ieee802.org/3/dj/comments/D1p1/8023dj_D1p1_comments_proposed_bucket1.pdf">https://www.ieee802.org/3/dj/comments/D1p1/8023dj_D1p1_comments_proposed_bucket1.pdf</a> except comments 14, 16, 46, 50, 56, 99, 107, 116, 117, 153, 175, 179, 180, 181, 182, 188, 193, 215, 224, 225, 253, 296, 565, 571, 572, 578 and in 'bucket2' <a href="https://www.ieee802.org/3/dj/comments/D1p1/8023dj_D1p1_comments_proposed_bucket2.pdf">https://www.ieee802.org/3/dj/comments/D1p1/8023dj_D1p1_comments_proposed_bucket2.pdf</a>
<b>Technical (&gt;= 75%)</b>	
<b>Moved by</b>	Mark Nowell
<b>Second by</b>	Mike Dudek
<b>Results 802.3 (y/n/a)</b>	Motion Passed by unanimous consent. 11:18 a.m.

At 11:19 a.m. eastern, John D'Ambrosia passed the meeting chair responsibilities to Mark Nowell.

**Presentation #TF-3:**

Title	Revisiting the IEEE P802.3dj Adopted Timeline
Presenters	John D'Ambrosia
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/dambrosia_3dj_01_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/dambrosia_3dj_01_2409.pdf</a>

Questions were asked and answered.

Chair summarized that he heard strong support for the proposed accelerated schedule. He asked if there was objection to proceeding with the plan. No one responded. He noted that the pressure was on the electrical track to close all comments at the September interim meeting.

Chair noted that the contingent teleconference meetings on 24, 25, 26, and 30 September would be canceled as a result of the schedule decision.

**IMAT Reminder:**

Chair reminded participants to sign into IMAT for attendance recording. The meeting does not count towards IEEE 802.3 Working Group voting membership.

Chair noted that the meeting session would resume on 16 September in Hamburg, Germany.

Meeting recessed for the day at 12:01 p.m.

## 16 September 2024

Meeting called to order at 8:00 a.m. Central Europe Summer Time (all times CEST) 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 September 2024 electronic meeting requires registration and payment of registration fee. The September 2024 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3 [https://www.ieee802.org/3/dj/public/24\\_09/agenda\\_3dj\\_b\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.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/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/24\\_09/agenda\\_3dj\\_b\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.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".

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 made opening comments and reviewed the plans for the day.

Kent Lusted noted that there was an issue with IMAT setup and that he and the WG recording secretary were working to resolve it.

Chair noted that comment resolution might run 9:00 p.m. on Monday.

Comment resolution began at 8:17 a.m.

Chief Editor reviewed the updated comment agenda version '02a' (see: [https://www.ieee802.org/3/dj/public/24\\_09/brown\\_3dj\\_02a\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/brown_3dj_02a_2409.pdf) )

Chair reminded participants to review the liaison drafts posted to the TF website.

John D'Ambrosia delegated the meeting chair responsibilities to Kent Lusted and Adeo Ran for comment resolution.

**Straw Poll #TF-4:**

Type: Direction  
(see comment #2)

**IMAT Reminder**

9:42 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 10:12 a.m. Resumed at 10:41 a.m.

Kent Lusted noted that the meeting may run past 6:00 p.m. but not past 8:00 p.m. CEST.

**IMAT Reminder**

11:30 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.

Kent Lusted noted that the meeting may run past 6:00 p.m. but not past 8:00 p.m. CEST. He reviewed plans for after lunch break: resolve comments on the "cross clause" topic if the 3dk Task Force was finished. Otherwise, the agenda would be electrical topics until 3dk finished.

**Lunch Break**

Break at 11:58 a.m. Resumed at 1:16 p.m.

Kent Lusted noted that the 3dk Task Force completed their meeting before lunch. Therefore, the comment resolution would resume with "cross clause" topics.

**Straw Poll #TF-5:**

Type: Directional  
(see comment #118)

**Straw Poll #TF-6:**

Type: Directional  
(see comment #118)

**Straw Poll #TF-7:**

Type: Decision  
(see comment #118)

Kent Lusted reminded participants to review the proposed liaison drafts to the OIF and the ITU that were posted to the Task Force website. A motion to consider the drafts would be considered on Thursday,

### IMAT Reminder

2:55 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.

There was an issue with IMAT for in-person attendees. David Law provided an update on IMAT. He asked that in-person eligible participants sign a sheet of paper to give to the WG recording secretary.

### PM Break

Break at 3:02 p.m. Resumed at 3:22 p.m.

### Presentation #TF-4:

Title	Receiver performance evaluation
Presenters	Adam Healey
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/healey_3dj_02a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/healey_3dj_02a_2409.pdf</a>

Author noted a typo error on slide 16 and would provide an updated '02a'.

Questions were asked and answered.

### IMAT Reminder

4:46 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.

At 5:13 p.m., comment resolution of comments on the "cross clause" topic was paused for the day. Resolution of "cross clause" topics would resume on Thursday.

Mark Nowell reminded participants that the optical track starts at 8:00 a.m. on Tuesday. Gary Nicholl confirmed that the logic track starts at 8:00 a.m. on Tuesday. The meeting map details were posted to the Task Force meeting website as well as the IEEE 802.3 Call and Meeting calendar.

John D'Ambrosia reminded participants to send presentation updates to him for posting to the Task Force website.

Break at 5:20 p.m. Resumed at 5:40 p.m.



**Presentation #TF-5:**

Title	<b>Reduction in Max Swing</b>
Presenters	Piers Dawe
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/dawe_3dj_01_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/dawe_3dj_01_2409.pdf</a>

Questions were asked and answered.

**Straw Poll #TF-8:**

Type: Direction  
(see comment #160)

John D'Ambrosia reviewed the plans for Tuesday.

Chair reminded participants to review the liaison drafts posted to the TF website.

Meeting recessed for the day at 7:48 p.m.

DRAFT

## 17 September 2024 - Electrical track

Track called to order at 8:10 a.m. Central Europe Summer Time (all times CEST) 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 September 2024 electronic meeting requires registration and payment of registration fee. The September 2024 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3 [https://www.ieee802.org/3/dj/public/24\\_09/agenda\\_3dj\\_b\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.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/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/24\\_09/agenda\\_3dj\\_b\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.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".

Adee Ran reviewed the progress from Monday and reviewed the plans for the day.

Kent Lusted noted that the "AUI C2M ILdd" topic was a time specific topic on the agenda. It would be discussed after the morning break.

Comment resolution resumed at 8:16 a.m.

Prior to the start of presentation E-1, the author noted that it was an updated version '02a' with editorial changes.

### Presentation #E-1:

Title	<b>Peak-to-peak voltage definitions</b>
Presenters	Adee Ran
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/ran_3dj_02a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/ran_3dj_02a_2409.pdf</a>

Questions were asked and answered.

Kent Lusted noted that the “AUI C2M ILdd” topic was a time specific topic on the agenda. It would be discussed after the morning break.

#### **IMAT Reminder**

9:31 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.

Kent Lusted noted that the meeting may run past 6:00 p.m. but not past 8:00 p.m.

Chief Editor noted that the response to closed comment #570 needed revision to correct a reference to another comment. He asked if there was an objection to reopening the comment to do it. No one responded. The comment was opened, revised, and closed.

Chief Editor noted that the response to closed comment #146 needed revision to correct a reference to another comment. He asked if there was an objection to reopening the comment to do it. No one responded. The comment was opened, revised, and closed.

#### **AM Break**

Break at 9:57 a.m. Resumed at 10:32 a.m.

#### **Presentation #E-2:**

Title	<b>Practical Loss Limit for C2M</b>
Presenters	Ali Ghiasi
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/ghiasi_3dj_03a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/ghiasi_3dj_03a_2409.pdf</a>

Questions were asked and answered.

#### **Presentation #E-3:**

Title	<b>200G AUI C2M channels Analysis Updates - A view into failed channel characteristics</b>
Presenters	Upen Reddy Kareti
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/kareti_3dj_02_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/kareti_3dj_02_2409.pdf</a>

Questions were asked and answered.

**Straw Poll #E-1:**

Type: Directional  
(see comment #115)

**Straw Poll #E-2:**

Type: Directional  
(see comment #115)

**IMAT Reminder**

11:46 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-4:**

Title	<b>Recommendation for Module Plug Board Losses</b>
Presenters	Ali Ghiasi
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/ghiasi_3dj_04a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/ghiasi_3dj_04a_2409.pdf</a>

Questions were asked and answered.

**Lunch Break**

Break at 11:55 a.m. Resumed at 1:19 p.m.

Prior to the start of presentation #E-5, the author noted that he updated the contribution with the results of straw poll #E-4 and clarified the proposed next steps. Chair asked if there was objection to hearing the updated contribution. No one responded.

**Presentation #E-5:**

Title	<b>Proposed content for IL budget in 176E</b>
Presenters	Adee Ran
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/ran_3dj_03a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/ran_3dj_03a_2409.pdf</a>

Questions were asked and answered.

### IMAT Reminder

2:37 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 #420)

### PM Break

Break at 3:06 p.m. Resumed at 3:40 p.m.

### Presentation #E-6:

Title	<b>Proposed frequency mask equations and figures for electrical PMDs, AUIs, and text fixtures</b>
Presenters	Adee Ran
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/ran_3dj_01_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/ran_3dj_01_2409.pdf</a>

Questions were asked and answered.

### IMAT Reminder

4:42 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.

Kent Lusted noted that the meeting may run past 6:00 p.m. but not past 8:00 p.m.

Chair reviewed the liaisons for consideration by the Task Force at the September interim meeting.

### Presentation #E-7:

Title	<b>Low Loss C2M Hosts Models with Cabling between the Front Panel Connector and an ASIC Package</b>
Presenters	Rich Mellitz
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/mellitz_3dj_01_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/mellitz_3dj_01_2409.pdf</a>

Chair noted that the channel contributions associated with the presentation were posted to the Tools and Channels section of the Task Force website. (see: <https://www.ieee802.org/3/dj/public/tools/index.html>)

Questions were asked and answered.

Break at 5:25 p.m. Resumed at 5:45 p.m.

**Presentation #E-8:**

Title	802.3dj - Comments D1.1 Annex 179A - TBDs
Presenters	Chris Diminico
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/diminico_3dj_01_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/diminico_3dj_01_2409.pdf</a>

Questions were asked and answered.

**Straw Poll #E-4:**

Type: Directional  
(see comment #521)

**Straw Poll #E-5:**

Type: Directional  
(see comment #521)

Chief Editor noted that the response to closed comment #190 needed revision to remove a CRG discussion reference. He asked if there was objection to reopening comment #190 to do it. No one responded. The comment was opened, revised, and closed.

Chair reminded participants of the 8:00 a.m. start time on Thursday.

Meeting recessed for the day at 8:01 p.m.

## 17 September 2024 - Logic track

Track called to order at 8:02 a.m. Central Europe Summer Time (all times CEST) by Gary Nicholl, Architecture and 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 September 2024 electronic meeting requires registration and payment of registration fee. The September 2024 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3 [https://www.ieee802.org/3/dj/public/24\\_09/agenda\\_3dj\\_b\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.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/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/24\\_09/agenda\\_3dj\\_b\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.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".

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

Chair asked Tom Huber to preview the proposed liaison communication from P802.3dj to the ITU-T on 800GBASE-ER1/ER1-20 FlexO Payload Types. Tom provided an overview of the letter. [https://www.ieee802.org/3/dj/public/24\\_09/huber\\_3dj\\_03\\_2409\\_Redacted.pdf](https://www.ieee802.org/3/dj/public/24_09/huber_3dj_03_2409_Redacted.pdf)

Chair delegated the meeting responsibilities to Eugene Opsasnick for comment resolution.

The following comments related to the TimeSync topic on the logical track agenda were not able to be closed during the logic track comment resolution due to technical issues in splitting the comment database: 287, 288, 289, 290, 291, 292, 294. The logical track CRG agrees to close those comments with the following response: "ACCEPT IN PRINCIPLE. Resolve using the response to comment #274.

### Presentation #L-1

Title	<b>Improving 800GBASE-ER PCS PTP accuracy</b>
Presenters	Tom Huber
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/huber_3dj_02_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/huber_3dj_02_2409.pdf</a>

Questions were asked and answered.

#### **IMAT Reminder**

09:26 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 10:07. a.m. Resumed at 10:30 a.m.

#### **Presentation #L-2**

Title	<b>In-Band Signaling Field (IBSF)</b>
Presenters	Xiang He
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/he_3dj_01a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/he_3dj_01a_2409.pdf</a>

Questions were asked and answered.

#### **Presentation #L-3**

Title	<b>Clause 184 functions</b>
Presenters	Tom Huber
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/huber_3dj_01b_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/huber_3dj_01b_2409.pdf</a>

Prior to the start of presentation #L-3, the author noted an updated version '01b' with editorial changes and updated supporters list.

Questions were asked and answered.

#### **IMAT Reminder**

11:43 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 11:49am . Resumed at 1:16pm



**Presentation #L-4**

Title	<b>Inner FEC sublayer updates and updates and corrections for 800GBASE-LR1</b>
Presenters	Kishore Kota
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/kota_3dj_01a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/kota_3dj_01a_2409.pdf</a>

**IMAT Reminder**

1:50pm. 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.

Recessed for the day at 1:53pm.

DRAFT

## 17 September 2024 - Optical track

Track called to order at 8:02 a.m. Central Europe Summer Time (all times CEST) by Mark Nowell, 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 September 2024 electronic meeting requires registration and payment of registration fee. The September 2024 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3 [https://www.ieee802.org/3/dj/public/24\\_09/agenda\\_3dj\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_2409.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/24\\_09/agenda\\_3dj\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_2409.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 begins 8:15am

### Presentation #O-1:

Title	<b>Supporting Material –TQM Related Comments (259, 260) for 800GBASE-LR1, 800GBASE-ER1-20, 800GBASE-ER1</b>
Presenters	Tom Issenhuth
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/issenhuth_3dj_01_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/issenhuth_3dj_01_2409.pdf</a>

Questions were asked and answered.

### Presentation #O-2:

Title	<b>Clarifications on Transmitter Constellation Closure (TCC) and Extended TCC (ETCC) as the Transmitter Quality Metric (TQM) for Coherent Transmitters</b>
Presenters	Qirui Fan

URL	<a href="https://www.ieee802.org/3/dj/public/24_09/fan_3dj_01b_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/fan_3dj_01b_2409.pdf</a>
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Questions were asked and answered.

**Presentation #0-3:**

Title	<b>800GBASE-LR1 PMD specification proposals</b>
Presenters	Kishore Kota
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/kota_3dj_02a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/kota_3dj_02a_2409.pdf</a>

Questions were asked and answered.

**Presentation #0-4:**

Title	<b>800GBASE-LR1 Optical Specifications</b>
Presenters	Eric Maniloff
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/maniloff_3dj_01a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/maniloff_3dj_01a_2409.pdf</a>

Questions were asked and answered.

**IMAT Reminder**

09:35 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 10:02 a.m. Resumed at 10:20 a.m.

During discussion, the optical track chair shared that two separate weekly calls were happening for interested people to get together to discuss topics related to the IMDD or coherent specs. These are open meetings for any one interested and the purpose is to accelerate discussion and consensus on various topics/issues. If anyone would like to participate, please contact Mark Nowell. It is expected that any consensus positions that develop will be shared into the optical track ad hoc meetings. It was noted that all formal decisions will happen through the comment resolution process.

**IMAT Reminder**

11:50 am - 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 12:10pm. Resumed at 1:15 pm

Comment resolution continued

### Presentation - #O-5

Title	<b>TDECQ/TECQ/SECQ Coefficients</b>
Presenters	Brian Welch
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/welch_3dj_01_0924.pdf">https://www.ieee802.org/3/dj/public/24_09/welch_3dj_01_0924.pdf</a>

Questions were asked and answered.

### IMAT Reminder

2:25pm - 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-6

Title	<b>Normalized TDECQ Reference Equalizer Tap Limits</b>
Presenters	Ali Ghiasi
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/ghiasi_3dj_02a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/ghiasi_3dj_02a_2409.pdf</a>

Questions were asked and answered.

### Straw Poll #O-1

(see comment 202)

### PM Break

Break at 3:00pm. Resumed at 3:40pm

### IMAT Reminder

4:35pm - 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 #O-2

(see comment 313)

Meeting recessed for the day at 5:01 p.m.

## 18 September 2024 - Electrical Track

Track called to order at 8:15 a.m. Central Europe Summer Time (all times CEST) 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 September 2024 electronic meeting requires registration and payment of registration fee. The September 2024 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3 [https://www.ieee802.org/3/dj/public/24\\_09/agenda\\_3dj\\_b\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.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/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/24\\_09/agenda\\_3dj\\_b\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.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".

Kent Lusted showed the proposed liaison communication from P802.3dj to the OIF. He provided an overview of the letter. There was no feedback. (See: [https://www.ieee802.org/3/dj/public/24\\_09/lusted\\_3dj\\_06\\_2409\\_Redacted.pdf](https://www.ieee802.org/3/dj/public/24_09/lusted_3dj_06_2409_Redacted.pdf) )

Comment resolution resumed.

### Presentation #E-9:

Title	<b>Tolerances for initial condition coefficients</b>
Presenters	Adam Healey
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/healey_3dj_03_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/healey_3dj_03_2409.pdf</a>

Questions were asked and answered.

### IMAT Reminder

9:50 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.

Yung Son had trouble signing in to IMAT.

Luis Pineda had trouble signing in to IMAT, but it tried after the session expired. 10:21 a.m.

### AM Break

Break at 10:05 a.m. Resumed at 10:42 a.m.

### Presentation #E-9:

Title	Host Channel / PCB Model Parameters for P802.3dj
Presenters	Mike Li
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/lim_3dj_01a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/lim_3dj_01a_2409.pdf</a>

Questions were asked and answered.

Chair reminded in-person participants of the social event in the evening. He noted that he plans to recess the meeting around 5:30 p.m.

### Straw Poll #E-6:

Type: (Directional)  
(see comment #537)

### IMAT Reminder

11:52 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 12:05 p.m. Resumed at 1:20 p.m.

Chair reminded in-person participants of the social event in the evening. He noted that he plans to recess the meeting around 5:30 p.m.

Chair reminded participants of the Task Force meeting (no tracks) on Thursday.

Chief Editor noted that the response to closed comment #372 needed revision to add a reference to the editorial slides used in the discussion. He asked if there was objection to reopening the comment to do it. No one responded.

Comment was opened, revised, and closed.

**IMAT Reminder**

2:53 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.

**PM Break**

Break at 3:11 p.m. Resumed at 3:46 p.m.

Chair reminded in-person participants of the social event in the evening. He noted that he plans to recess the meeting around 5:30 p.m.

**IMAT Reminder**

5:18 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.

Chair reminded participants of the Task Force meeting (no tracks) on Thursday.

Meeting recessed for the day at 5:29 p.m.

## **18 September 2024 - Optical Track**

Track called to order at 8:05 a.m. Central Europe Summer Time (all times CEST) by Mark Nowell, 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 September 2024 electronic meeting requires registration and payment of registration fee. The September 2024 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3 [https://www.ieee802.org/3/dj/public/24\\_09/agenda\\_3dj\\_b\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.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/24\\_09/agenda\\_3dj\\_b\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.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 begins for the day

### **IMAT Reminder**

9:50am - 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 9:55am. Resumed at 10:15am



**Presentation - #O-7:**

Title	<b>DR / DR-x MDI: Support for Breakout</b>
Presenters	John D'Ambrosia
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/dambrosia_3dj_02a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/dambrosia_3dj_02a_2409.pdf</a>

Questions were asked and answered.

**Presentation #O-8:**

Title	<b>802.3dj D1.1 Comment Resolution Optical Topics</b>
Presenters	Matt Brown
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/issenhuth_3dj_02_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/issenhuth_3dj_02_2409.pdf</a>

Questions were asked and answered.

**IMAT Reminder**

11:20am - 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 1:05pm

**Presentation #O-9:**

Title	<b>Does TDECQ Capture Jitter</b>
Presenters	Ali Ghiasi
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/ghiasi_3dj_01a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/ghiasi_3dj_01a_2409.pdf</a>

Questions were asked and answered.

**Presentation #O-10:**

Title	<b>Assessment of the PMD penalty in 800G-LR4 based on the updated ITU-T G.652 fiber PMDq model</b>
Presenters	Xiang Liu
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/liu_3dj_01_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/liu_3dj_01_2409.pdf</a>

Questions were asked and answered.

### **IMAT Reminder**

3:00pm - 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 3:05pm. Resumed at 3:25pm

The draft Liaison letter to ITU-T Q6 SG15 was reviewed by the optical track. No changes were made to the draft reviewed.

Mark Nowell showed the proposed liaison communication from P802.3dj to the ITU-T Q6 SG15. He provided an overview of the letter. No changes were made by the optical track. This liaison communication will be reviewed by the Task Force on Thursday morning before requesting Working Group approval.

### **Presentation - #O-11**

Title	<b>Considerations on the testing methodology for 200G/L optical links --Relating comments 318,316,314,317</b>
Presenters	Guangcan Mi
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/mi_3dj_01a_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/mi_3dj_01a_2409.pdf</a>

Questions were asked and answered.

### **IMAT Reminder**

4:35pm - 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.

Meeting recessed for the day at 5:01 p.m.

## **19 September 2024**

Meeting reconvened at 8:01 a.m. Central Europe Summer Time (all times CEST) 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 September 2024 electronic meeting requires registration and payment of registration fee. The September 2024 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3  
[https://www.ieee802.org/3/dj/public/24\\_09/agenda\\_3dj\\_b\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.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/24\\_09/agenda\\_3dj\\_b\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/agenda_3dj_b_2409.pdf) )

### **Liaison - ITU-T**

John D'Ambrosia reviewed the proposed liaison communication from P802.3dj to the ITU. He provided an overview of the letter. Changes were made and saved to the filename to align with IEEE 802.3 conventions. No changes were made except to the filename to align with IEEE 802.3 conventions. (see:  
[https://www.ieee802.org/3/dj/public/24\\_09/IEEE\\_802d3\\_to\\_ITU\\_3dj\\_2409\\_SG15\\_Redacted.pdf](https://www.ieee802.org/3/dj/public/24_09/IEEE_802d3_to_ITU_3dj_2409_SG15_Redacted.pdf) )

John D'Ambrosia noted that D1.1 was submitted by the Working Group Chair to IEEE SA for an editorial review in anticipation of liaisoning the draft.

Mark Nowell reviewed the proposed liaison communication from P802.3dj to the ITU (Q6/15). He provided an overview of the letter. Changes were made and saved to the filename to align with IEEE 802.3 conventions. No changes were made except to the filename to align with IEEE 802.3 conventions. (see:  
[https://www.ieee802.org/3/dj/public/24\\_09/IEEE\\_802d3\\_to\\_ITU\\_3dj\\_2409\\_Q6\\_Redacted.pdf](https://www.ieee802.org/3/dj/public/24_09/IEEE_802d3_to_ITU_3dj_2409_Q6_Redacted.pdf) )

Tom Huber reviewed the proposed liaison communication from P802.3dj to the ITU (Q11/15). He provided an overview of the letter. Changes were made and saved to the filename to align with IEEE 802.3 conventions. No changes were made except to the filename to align with IEEE 802.3 conventions. (see:  
[https://www.ieee802.org/3/dj/public/24\\_09/IEEE\\_802d3\\_to\\_ITU\\_3dj\\_2409\\_Q11\\_Redacted.pdf](https://www.ieee802.org/3/dj/public/24_09/IEEE_802d3_to_ITU_3dj_2409_Q11_Redacted.pdf) )

## Liaison - OIF

Kent Lusted reviewed the proposed liaison communication from P802.3dj 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. No changes were made except to the filename to align with IEEE 802.3 conventions. (see: [https://www.ieee802.org/3/dj/public/24\\_09/IEEE\\_802d3\\_to\\_OIF\\_3dj\\_2409\\_Redacted.pdf](https://www.ieee802.org/3/dj/public/24_09/IEEE_802d3_to_OIF_3dj_2409_Redacted.pdf) )

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.

<b>Motion #2: liaisons</b>	Move that the IEEE P802.3dj Task Force approve: <ul style="list-style-type: none"><li>• IEEE_802d3_to_OIF_3dj_2409_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.</li><li>• IEEE_802d3_to_ITU_3dj_2409_SG15_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 ITU.</li><li>• IEEE_802d3_to_ITU_3dj_2409_Q6_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 ITU Q6/15.</li><li>• IEEE_802d3_to_ITU_3dj_2409_Q11_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 ITU Q11/15.</li></ul>
<b>Technical (&gt;= 75%)</b>	
<b>Moved by</b>	Tom Huber
<b>Second by</b>	Mark Nowell
<b>Results 802.3 (y/n/a)</b>	Passed by unanimous consent. 8:31 a.m.

Chief Editor reviewed the updated comment agenda version '02c'. (see: [https://www.ieee802.org/3/dj/public/24\\_09/brown\\_3dj\\_02c\\_2409.pdf](https://www.ieee802.org/3/dj/public/24_09/brown_3dj_02c_2409.pdf) ). He noted that comments #104 and #112 had inconsistent responses that he would like to revise. Chair asked if there was objection to reopening the two comments. No one responded.

Ali Ghiasi withdrew comments #104 and #112.

Comment resolution resumed at 8:43 a.m.

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

## IMAT Reminder

9:21 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 10:01 a.m. Resumed at 10:34 a.m.

### Presentation #TF-6:

Title	<b>Propagation timer for ILSs with ILT disabled</b>
Presenters	Leon Bruckman
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/bruckman_3dj_01_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/bruckman_3dj_01_2409.pdf</a>

Questions were asked and answered.

### IMAT Reminder

10:55 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.

At 11:14 a.m., Chief Editor noted that the response to closed comment #483 needed revision to correct an error. He asked if there was objection to reopening the comment. No one responded. The comment was opened, revised, and closed.

### Presentation #TF-7:

Title	<b>AUI Architecture and ILT signaling</b>
Presenters	Matt Brown
URL	<a href="https://www.ieee802.org/3/dj/public/24_09/brown_3dj_03_2409.pdf">https://www.ieee802.org/3/dj/public/24_09/brown_3dj_03_2409.pdf</a>

Questions were asked and answered.

### Lunch Break

Break at 11:59 a.m. Resumed at 1:18 p.m.

At 1:25 p.m., John D'Ambrosia passed the Task Force meeting chair responsibilities to Kent Lusted.

### IMAT Reminder

2:26 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.

### **Attendance Straw Poll #1**

I plan to be attend in-person for 3dj TF meetings at the IEEE 802.3 November plenary

Y: 55, N: 28

### **Attendance Straw Poll #2**

I will be in-person for 3dj TF meetings at the IEEE 802.3 November plenary and attend the \_\_\_\_\_ track

A: optical

B: electrical

C: logic

(Chicago Rules)

Results (all): A: 40, B: 28, C: 13

Task Force Chair noted that the counts for attendance straw polls #1 and #2 would be adjusted to account for the Task Force leadership.

### **Afternoon Break**

Break at 3:02p.m. Resumed at 3:36 p.m.

Task Force Chair noted that the IEEE 802.3 Working Group would likely run the full two hours. As a result, the Task Force leadership would end the meeting at 5:30 p.m.

### **Straw Poll #E-9**

Type: (Directional)

(see comment #473)

(Choose one)

### **Straw Poll #E-10**

Type: (Directional)

(see comment #473)

(Chicago Rules)

### **IMAT Reminder**

4:16 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.

At 4:55 p.m., Kent Lusted passed the comment resolution chair responsibilities back to the Task Force Chair, John D'Ambrosia.

At 5:15 p.m., comment resolution stopped. Chair indicated that 32 comments remained open and would be left open.

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.

<b>Motion #3:</b>	Move that the IEEE P802.3dj Task Force generate Draft 1.2 for the third Task Force Review from D1.1 and the closed comments
<b>Technical (&gt;= 75%)</b>	
<b>Moved by</b>	Eugene Opsasnick
<b>Second by</b>	David Ofelt
<b>Results 802.3 (y/n/a)</b>	Motion passed by unanimous consent 5:18 p.m.

Chair noted that closed comments also includes the comments in bucket1 and bucket2 adopted by Motion #1 on Thursday, 5 September 2024. Chair noted that the closed comments do not include remaining open comments.

Chair noted that comment reports for the D1.1 not-closed comments would be posted to the Task Force website. Participants were encouraged to review these comments during the next Task Force review cycle.

<b>Motion #4:</b>	Move to adjourn
<b>Technical (&gt;= 75%)</b>	
<b>Moved by</b>	Mike Dudek
<b>Second by</b>	Adee Ran
<b>Results 802.3 (y/n/a)</b>	Motion passed by unanimous consent 5:31 p.m.

Meeting adjourned at 5:31 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

**16 September 2024**

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Ben-Artsi, Liav	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Borda, jamila josip	BMW Group	in-tech GmbH
Bovington, Jock	Cisco Systems, Inc.	Cisco Systems, Inc.
Brooks, Paul	Viavi solutions GmbH	Viavi Solutions
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia
Calvin, John	Keysight Technologies	Keysight Technologies
Chen, Chan	Self Employed	Independent/AOI
Chen, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
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
Dedic, Charlie		1-VIA
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Djahanshahi, Hormoz	Microchip Technology, Inc.	Microchip Technology, Inc.
Dudek, Michael	Marvell	Marvell
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies



<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Estes, David	Spirent Communications	Spirent Communications
Fan, Qirui		Huawei Technologies Co., Ltd
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Ganesan, Aravind	Texas Instruments Inc.	Texas Instruments Inc.
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.
Gui, Tao		Huawei Technologies Co., Ltd
Hajduczenia, Marek	Charter Communications	Charter Communications
He, Michael		Innolight Technology Corproation
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Ho, Matthew		TE Connectivity
Houck, TJ		Marvell
Huang, Kechao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Huebner, Bernd	Cisco Systems, Inc.	Cisco Systems
Isono, Hideki	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom Corporation
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Kleinwaechter, Mathias		in-tech GmbH
Klempa, Michael	Alphawave Semi	Alphawave Semi
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	MegaChips Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lackner, Hans	QoSCom GmbH	QoSCom GmbH
Lambert, Angela	Corning Incorporated	Corning Incorporated
Levin, Itamar		Intel Corporation
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, Hai-Feng	HG Genuine	HG Genuine
LIU, XIANG		Huawei Technologies Co., Ltd
liu, xiaoxuan		ZTE Corporation
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Lusted, Kent	Intel	Intel

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Lyon, Chris	Amphenol Corporation	Amphenol Corporation
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marris, Arthur	Cadence Design Systems, Inc.	Cadence Design Systems, Inc.
mash, chris	Nupero Ltd	Ethernovia Inc
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
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
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,&nbsp;Samtec	Samtec-Macom

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Parkholm, Ulf	Telefon AB LM Ericsson	Telefon AB LM Ericsson
Patra, lenin	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Piehler, David	Dell Technologies	Dell
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.
Razavi, Alireza	Marvell	Marvell
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Richards, Wesley		CoMira Solutions, Inc.
Rodes, Roberto	II-VI	II-VI
Royer, Tyler		Senko Advanced Components
Rubin, Amir		NVIDIA
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Intel	Cadence
Sambasivan, Sam	AT&T	AT&T
Sekel, Steve		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

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
shirani, ramin	Ethernovia	Ethernovia
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Sprague, Edward	Infinera Corporation	Infinera Corporation
Srivastava, Atul	NEL-America	NTT Electronics
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
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tan, Yuxuan	Motorcomm	Motorcomm
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Ulrichs, Ed	Intel	Intel
Vidal, Or	Alphawave Semi	Alphawave Semi
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
Wang, Ruoxu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Wang, Shun-Sheng	Realtek Semiconductor Corp.	Realtek Semiconductor Corp.

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Wang, Zheqi		Huawei
Watanabe, Yojiro		Mitsubishi Electric US, Inc.
Watanabe, Yuji	AGC Inc.	AGC
Welch, Brian	Cisco Systems, Inc.	Luxtera
Williams, Tom	Cisco Systems, Inc.	Cisco Systems, Inc.
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zhu, Keyi		HUAWEI
Zivny, Pavel	Tektronix, Inc.	Tektronix, Inc.

17 September 2024 - Electrical Track

Name	Employer	Affiliation
Ben-Artsi, Liav	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Benyamin, Saied	Ethernovia	Ethernovia
Borda, jamila josip	BMW Group	in-tech GmbH
Bovington, Jock	Cisco Systems, Inc.	Cisco Systems, Inc.
Brown, Matthew	Alphawave	Alphawave
Calvin, John	Keysight Technologies	Keysight Technologies
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
Dedic, Charlie		1-VIA
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Djahanshahi, Hormoz	Microchip Technology, Inc.	Microchip Technology, Inc.
Dudek, Michael	Marvell	Marvell
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Ganesan, Aravind	Texas Instruments Inc.	Texas Instruments 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.

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Ho, Matthew		TE Connectivity
Huang, Kechao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Klempa, Michael	Alphawave Semi	Alphawave Semi
Klingensmith, William	U.S. Federal Government	U.S. Federal Government
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Levin, Itamar		Intel Corporation
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Hai-Feng	HG Genuine	HG Genuine
Lusted, Kent	Intel	Intel
Maguire, Valerie	Copperopolis	Copperopolis, affiliated with CME Consulting and Cisco
Marris, Arthur	Cadence Design Systems, Inc.	Cadence Design Systems, Inc.
mash, chris	Nupero Ltd	Ethernovia Inc
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
Moorwood, Charles	Keysight Technologies	Keysight Technologies



<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
MURAKAMI, YUKI	FUJITSU	FUJITSU
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nakamoto, Edward	Spirent Communications	Spirent Communications
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
Noujeim, Leesa	Google	Google
Omori, Kumi	NEC Corporation	NEC Corporation
Palkert, Thomas	Macom,&nbsp;Samtec	Samtec-Macom
Pineda, Luis	LP Tech Advisors, LLC	LP Tech Advisors, LLC (Samsung; 7Rays; Ethernovia)
Pinto, Anthony		CoMira Solutions
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Richards, Wesley		CoMira Solutions, Inc.
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Intel	Cadence
Sekel, Steve		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	Ethernovia

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sun, Junqing	Credo Semiconductor	Credo Semiconductor
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
Tran, Viet	Keysight Technologies	Keysight Technologies
Wang, Shun-Sheng	Realtek Semiconductor Corp.	Realtek Semiconductor Corp.
Wang, Zheqi		Huawei
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
ZHENGZHONG, DU		ZTE Corporation
Zhu, Keyi		HUAWEI
Zivny, Pavel	Tektronix, Inc.	Tektronix, Inc.

17 September 2024 - Optical Track

Name	Employer	Affiliation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Bovington, Jock	Cisco Systems, Inc.	Cisco Systems, Inc.
Brooks, Paul	Viavi solutions GmbH	Viavi Solutions
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia
Chen, Chan	Self Employed	Independent/AOI
Chen, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Cole, Christopher R	Finisar Corporation	Coherent Corp.
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Affiliate of Huawei
Dedic, Charlie		1-VIA
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Estes, David	Spirent Communications	Spirent Communications
Fan, Qirui		Huawei Technologies Co., Ltd
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
Gui, Tao		Huawei Technologies Co., Ltd
Han, Ruibo	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
He, Michael		Innolight Technology Corporation
Huber, Thomas	Nokia	Nokia
Huebner, Bernd	Cisco Systems, Inc.	Cisco Systems
Ingham, Jonathan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
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
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Kondo, Taiji	MegaChips Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lambert, Angela	Corning Incorporated	Corning Incorporated
LIU, XIANG		Huawei Technologies Co., Ltd
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Maniloff, Eric	Ciena Corporation	Ciena Corporation
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Muhigana, Ernest		Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
OGAWA, SHOJI	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
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
Riani, Jamal		Marvell Semiconductor, Inc.
Rodes, Roberto	II-VI	II-VI
Royer, Tyler		Senko Advanced Components
Rubin, Amir		NVIDIA
Sambasivan, Sam	AT&T	AT&T
Sheffi, Nir	Alphawave	Alphawave
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Sprague, Edward	Infinera Corporation	Infinera Corporation
Srivastava, Atul	NEL-America	NTT Electronics
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tan, Yuxuan	Motorcomm	Motorcomm
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Ulrichs, Ed	Intel	Intel
Vidal, Or	Alphawave Semi	Alphawave Semi
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
Wang, Ruoxu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Watanabe, Yojiro		Mitsubishi Electric US, Inc.
Watanabe, Yuji	AGC Inc.	AGC
Welch, Brian	Cisco Systems, Inc.	Luxtera
Williams, Tom	Cisco Systems, Inc.	Cisco Systems, Inc.
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zhu, Keyi		HUAWEI

17 September 2024 - Logic Track

Name	Employer	Affiliation
Benyamin, Saied	Ethernovia	Ethernovia
Brooks, Paul	Viavi solutions GmbH	Viavi Solutions
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
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huang, Kechao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lambert, Angela	Corning Incorporated	Corning Incorporated
Marris, Arthur	Cadence Design Systems, Inc.	Cadence Design Systems, Inc.
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muller, Shimon	Enfabrica Corp.	Enfabrica
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
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	Telefon AB LM Ericsson
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Pineda, Luis	LP Tech Advisors, LLC	LP Tech Advisors, LLC (Samsung; 7Rays; Ethernovia)
Pinto, Anthony		CoMira Solutions
Richards, Wesley		CoMira Solutions, Inc.
Rubin, Amir		NVIDIA
Salvekar, Atul	Intel	Cadence
Shah, Anup	Siemens Corporation	Siemens EDA
shirani, ramini	Ethernovia	Ethernovia
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Sun, Junqing	Credo Semiconductor	Credo Semiconductor
Tran, Viet	Keysight Technologies	Keysight Technologies



18 September 2024 - Electrical Track

Name	Employer	Affiliation
Beauregard, Francois	Belden Canada ULC	Belden
Ben-Artzi, Liav	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Benyamin, Saied	Ethernovia	Ethernovia
Borda, jamila josip	BMW Group	in-tech GmbH
Brown, Matthew	Alphawave	Alphawave
Calvin, John	Keysight Technologies	Keysight Technologies
Chini, Ahmad	Broadcom Corporation	Broadcom Corporation
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
Dedic, Charlie		1-VIA
Djahanshahi, Hormoz	Microchip Technology, Inc.	Microchip Technology, Inc.
Donahue, Curtis	Rohde & Schwarz	Rohde & Schwarz
Dudek, Michael	Marvell	Marvell
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
Han, Ruibo	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Ho, Matthew		TE Connectivity
Ingham, Jonathan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Klempa, Michael	Alphawave Semi	Alphawave Semi
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Levin, Itamar		Intel Corporation
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Karen	Nubis Communications	Nubis Communications
Marris, Arthur	Cadence Design Systems, Inc.	Cadence Design Systems, Inc.
mash, chris	Nupero Ltd	Ethernovia Inc
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
Moorwood, Charles	Keysight Technologies	Keysight Technologies
MURAKAMI, YUKI	FUJITSU	FUJITSU
Nakamoto, Edward	Spirent Communications	Spirent Communications
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
Noujeim, Leesa	Google	Google
Omori, Kumi	NEC Corporation	NEC Corporation

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Palkert, Thomas	Macom,&nbsp;Samtec	Samtec-Macom
Parkholm, Ulf	Telefon AB LM Ericsson	Telefon AB LM Ericsson
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Pineda, Luis	LP Tech Advisors, LLC	LP Tech Advisors, LLC (Samsung; 7Rays; Ethernovia)
Pinto, Anthony		CoMira Solutions
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Richards, Wesley		CoMira Solutions, Inc.
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Intel	Cadence
Sambasivan, Sam	AT&T	AT&T
Sekel, Steve		Wilder Technologies
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Shanbhag, Megha	Tyco	TE Connectivity
shirani, ramini	Ethernovia	Ethernovia
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Infinera
Tan, Yuxuan	Motorcomm	Motorcomm
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Turner, Max	Ethernovia	Ethernovia
Veloso Cauce, Gumersindo	BMW Group	BMW AG; BMW Group
Wang, Shun-Sheng	Realtek Semiconductor Corp.	Realtek Semiconductor Corp.
Wang, Zheqi		Huawei
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
Zivny, Pavel	Tektronix, Inc.	Tektronix, Inc.

18 September 2024 - Optical Track

Name	Employer	Affiliation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Bovington, Jock	Cisco Systems, Inc.	Cisco Systems, Inc.
Brooks, Paul	Viavi solutions GmbH	Viavi Solutions
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia
Chen, Chan	Self Employed	Independent/AOI
Chen, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Cole, Christopher R	Finisar Corporation	Coherent Corp.
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Affiliate of Huawei
Dedic, Charlie		1-VIA
Dudek, Michael	Marvell	Marvell
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Estes, David	Spirent Communications	Spirent Communications
Fan, Qirui		Huawei Technologies Co., Ltd
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
Gui, Tao		Huawei Technologies Co., Ltd

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
He, Michael		Innolight Technology Corporation
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huang, Kechao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Huebner, Bernd	Cisco Systems, Inc.	Cisco Systems
Ingham, Jonathan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
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
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Klingensmith, William	U.S. Federal Government	U.S. Federal Government
Kondo, Taiji	MegaChips Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lambert, Angela	Corning Incorporated	Corning Incorporated
Liu, Hai-Feng	HG Genuine	HG Genuine
LIU, XIANG		Huawei Technologies Co., Ltd
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Maniloff, Eric	Ciena Corporation	Ciena Corporation

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Muhigana, Ernest		Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Ninomiya, Tiger	Accelink USA Corporation	Accelink USA Corporation
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
Pardo, Carlos	Knowledge Development for POF SL	KDPOF
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Piehler, David	Dell Technologies	Dell
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Rodes, Roberto	II-VI	II-VI
Royer, Tyler		Senko Advanced Components
Rubin, Amir		NVIDIA
Sambasivan, Sam	AT&T	AT&T
SERIZAWA, NAOSHI	Yazaki Corporation	Yazaki Corporation
Shah, Anup	Siemens Corporation	Siemens EDA
Sheffi, Nir	Alphawave	Alphawave
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Sprague, Edward	Infinera Corporation	Infinera Corporation
Srivastava, Atul	NEL-America	NTT Electronics
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
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
Tan, Yuxuan	Motorcomm	Motorcomm
Tartaglia, Antonio	Ericsson AB	Ericsson AB
tian, yuchi		China Mobile
Tran, Viet	Keysight Technologies	Keysight Technologies
Ulrichs, Ed	Intel	Intel
Vidal, Or	Alphawave Semi	Alphawave Semi
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
Wang, Ruoxu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Wang, Zheqi		Huawei
Watanabe, Yojiro		Mitsubishi Electric US, Inc.
Watanabe, Yuji	AGC Inc.	AGC
Welch, Brian	Cisco Systems, Inc.	Luxtera
Williams, Tom	Cisco Systems, Inc.	Cisco Systems, Inc.
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd



Name	Employer	Affiliation
Zhu, Keyi		HUAWEI

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<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Beauregard, Francois	Belden Canada ULC	Belden
Ben-Artzi, Liav	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Bovington, Jock	Cisco Systems, Inc.	Cisco Systems, Inc.
Brooks, Paul	Viavi solutions GmbH	Viavi Solutions
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia
Calvin, John	Keysight Technologies	Keysight Technologies
Chen, Chan	Self Employed	Independent/AOI
Chen, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
cheng, weiqiang	China Mobile Limited	China Mobile Limited
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
Dedic, Charlie		1-VIA
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Djahanshahi, Hormoz	Microchip Technology, Inc.	Microchip Technology, Inc.
Dudek, Michael	Marvell	Marvell

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Estes, David	Spirent Communications	Spirent Communications
Fan, Qirui		Huawei Technologies Co., Ltd
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.
Gui, Tao		Huawei Technologies Co., Ltd
Han, Ruibo	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
He, Michael		Innolight Technology Corporation
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Ho, Matthew		TE Connectivity
Huber, Thomas	Nokia	Nokia
Huebner, Bernd	Cisco Systems, Inc.	Cisco Systems
Isono, Hideki	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Jackson, Kenneth	Sumitomo Electric Industries, LTD	Sumitomo Electric Industries, LTD
Johnson, John	Broadcom Corporation	Broadcom Corporation
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Klempa, Michael	Alphawave Semi	Alphawave Semi
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	MegaChips Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lambert, Angela	Corning Incorporated	Corning Incorporated
Levin, Itamar		Intel Corporation
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Hai-Feng	HG Genuine	HG Genuine
LIU, XIANG		Huawei Technologies Co., Ltd
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Lusted, Kent	Intel	Intel
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marris, Arthur	Cadence Design Systems, Inc.	Cadence Design Systems, Inc.

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
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
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
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.
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,&nbsp;Samtec	Samtec-Macom
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Parkholm, Ulf	Telefon AB LM Ericsson	Telefon AB LM Ericsson
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Pinto, Anthony		CoMira Solutions
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Richards, Wesley		CoMira Solutions, Inc.
Rodes, Roberto	II-VI	II-VI
Royer, Tyler		Senko Advanced Components
Rubin, Amir		NVIDIA
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Sekel, Steve		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.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Sprague, Edward	Infinera Corporation	Infinera Corporation
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Sun, Junqing	Credo Semiconductor	Credo Semiconductor

<b>Name</b>	<b>Employer</b>	<b>Affiliation</b>
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
Tartaglia, Antonio	Ericsson AB	Ericsson AB
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
Vidal, Or	Alphawave Semi	Alphawave Semi
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
Wang, Ruoxu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Wang, Zheqi		Huawei
Watanabe, Yojiro		Mitsubishi Electric US, Inc.
Welch, Brian	Cisco Systems, Inc.	Luxtera
Williams, Tom	Cisco Systems, Inc.	Cisco Systems, Inc.
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

Name	Employer	Affiliation
Zhu, Keyi		HUAWEI
Zivny, Pavel	Tektronix, Inc.	Tektronix, Inc.

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