

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

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

11 November 2024

November 2024 Session

Location: Vancouver, BC, Canada (11-14 November)

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

https://www.ieee802.org/3/dj/public/24_11/index.html

Session called to order at 1:15 p.m. Pacific Standard 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 November 2024 plenary meeting requires registration or payment of registration fee. The Plenary meeting will count towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1)

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

Agenda:

Title	Agenda and General Information
Presenters	John D'Ambrosia
URL	https://www.ieee802.org/3/dj/public/24_11/agenda_3dj_c_2411.pdf

Chair welcomed everyone to the meeting.

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

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

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

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

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

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

- IEEE P802.3dj Task Force
 - Sept 2024 session: https://www.ieee802.org/3/dj/public/24_09/minutes_3dj_a_2409_unapproved.pdf
- Electrical ad hoc
 - 10 Oct 2024:
https://www.ieee802.org/3/dj/public/adhoc/electrical/24_1010/minutes_3dj_elec_241010_unapproved.pdf

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- Optics / Logic Joint ad hoc
 - 31 Oct 2024:
https://www.ieee802.org/3/dj/public/adhoc/optics/1024_OPTX/minutes_3dj_optx_241031_unapproved.pdf
- COM ad hoc
 - 1 Oct 2024:
https://www.ieee802.org/3/dj/public/adhoc/COM/24_1001/minutes_3dj_COM_241001_unapproved.pdf
 - 15 Oct 2024:
https://www.ieee802.org/3/dj/public/adhoc/COM/24_1015/minutes_3dj_COM_241015_unapproved.pdf
 - 29 Oct 2024:
https://www.ieee802.org/3/dj/public/adhoc/COM/24_1029/minutes_3dj_COM_241029_unapproved.pdf

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

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

Chair noted that the meetings at the November 2024 plenary may run until 9pm local time on Monday.

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

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

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

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

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

Chair reviewed ground rules. (See Slide #11)

Chair reviewed the current state of the Task Force. (See Slide #12)

Chair reviewed voting in the task force. (see slide #13) 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 updated membership and attendance recording requirements (see slide #14).

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

Slide #15 - 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 #35) 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 #40) 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 #43) 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 #44) 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 liaison responses and liaisons for consideration by the Task Force at the November plenary meeting. (see Agenda slide #16)

Chair noted that the proposed liaisons to ITU-T and OIF would be posted later in the week.

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	IEEE P802.3dj Editorial Team Report
Presenters	Matt Brown
URL	https://www.ieee802.org/3/dj/public/24_11/brown_3dj_01a_2411.pdf

Questions were asked and answered.

Presentation #TF-2:

Title	P802.3dj D1.1 Comment Resolution Agenda
Presenters	Matt Brown
URL	https://www.ieee802.org/3/dj/public/24_11/brown_3dj_02e_2411.pdf

Questions were asked and answered.

Chair noted that the Task Force leadership and editorial team was working to accelerate the schedule to minimize the conflict with the end of year holidays.

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

Comment resolution began at 2:18 p.m.

IMAT Reminder:

2:21 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Straw Poll #TF-1:

Type: Directional
(see comment #65)

Straw Poll #TF-2

Type: directional
(see comments #192)

PM Break

Break at 3:17 p.m. Resumed at 3:46 p.m.

Presentation #TF-3:

Title	Module ERL: Process to determine ERL_min
Presenters	Rich Mellitz
URL	https://www.ieee802.org/3/dj/public/24_11/mellitz_3dj_01_2411.pdf

Questions were asked and answered.

Chair asked if there was objection to reopening comment #66 to add reference to contribution. No one responded. The comment was opened, changed, and closed.

IMAT Reminder:

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

At 5:14 p.m. John D'Ambrosia resumed chairing the meeting.

Kent Lusted noted that he sent a summary of the requests to pull comments from the P802.3dj D1.2 bucket1 received before the deadline. (see <https://www.ieee802.org/3/B400G/email/msg01328.html>) John D'Ambrosia provided the list of bucket1 pull requests to participants. He asked participants if there were any additional bucket1 pull requests. No one responded.

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

Motion #1:	Move to adopt the proposed responses for P802.3dj D1.2 comment resolution in 'bucket1' https://www.ieee802.org/3/dj/comments/D1p2/8023dj_D1p2_comments_proposed_bucket1.pdf except comments # 2, 20, 21, 22, 42, 62, 95, 124, 139, 157, 158, 159, 168, 176, 178, 180, 232, 237, 388, 412, 417, 419 and in 'bucket2' https://www.ieee802.org/3/dj/comments/D1p2/8023dj_D1p2_comments_proposed_bucket2.pdf (Note: #421 in bucket2 was redesignated as T rather than E by the editorial team and is no longer in bucket2 and will be addressed on the floor.)
Technical (>= 75%)	
Moved by	Matt Brown
Second by	Adee Ran
Results 802.3 (y/n/a)	Passed by unanimous consent. 5:19 p.m.

Prior to the start of Presentation #TF-3, author noted that he had an updated version '03a' with technical changes. Chair asked if there were objections to hearing the updated presentation. No objections.

Presentation #TF-3:

Title	COM Open Source Proposal
Presenters	Kent Lusted
URL	https://www.ieee802.org/3/dj/public/24_11/lusted_3dj_03a_2411.pdf

Questions were asked and answered.

At 5:54 p.m., John D'Ambrosia passed the meeting chair responsibilities to Mark Nowell.

Chair indicated that he intends to review the jitter contribution and then return to comment resolution with a goal to wrap up around 7:00 p.m.

Presentation #TF-4:

Title	Jitter Transfer Function (JTF) analysis
Presenters	John Calvin
URL	https://www.ieee802.org/3/dj/public/24_11/calvin_3dj_01a_2411.pdf

Questions were asked and answered.

Comment resolution resumed.

Chair reminded participants to review the posted liaisons and liaison responses that would be considered by the Task Force on Thursday.

Chair noted that the TF would resume on Tuesday with cross clause topics then it would go to tracks after lunch.

Meeting recessed for the day at 7:04 p.m.

12 November 2024 – Task Force

Task Force called to order at 8:02 a.m. Pacific Standard time (all times PST) by John D’Ambrosia, 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 November 2042 Plenary meeting requires registration and payment of registration fee. The November 2042 Plenary meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3)

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)

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

Chair reminded participants of the IEEE Code of Ethics and Conduct. (See slide #42 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 reminded participants to review the posted liaisons and liaison responses that would be considered by the Task Force on Thursday.

Chair noted that an overflow room was set up for the in-person attendees.

Chief Editor reviewed the comment agenda progress and plans for the day. (See: https://www.ieee802.org/3/dj/public/24_11/brown_3dj_02c_2411.pdf)

Comment resolution began at 8:11 a.m.

Presentation #TF-5:

Title	Supporting contribution to comments regarding error ratio allocation in optical PMD clauses
Presenters	Guangcan Mi
URL	https://www.ieee802.org/3/dj/public/24_11/mi_3dj_01a_2411.pdf

Questions were asked and answered.

IMAT Reminder

9:15 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D’Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Presentation #TF-6:

Title	Block TDECQ Test Method
Presenters	Ali Ghiasi
URL	https://www.ieee802.org/3/dj/public/24_11/ghiasi_3dj_02a_2411.pdf

Author noted a type on the summary slide and would provide an updated version '02a'.

Questions were asked and answered.

AM Break

Break at 9:53 a.m. Resumed at 10:22 a.m.

Presentation #TF-7:

Title	Transceiver Module Data in support of comments #396 and 397 against D1.2
Presenters	Roberto Rodes
URL	https://www.ieee802.org/3/dj/public/24_11/rodes_3dj_01b_2411.pdf

Questions were asked and answered.

Presentation #TF-8:

Title	TDECQ/TECQ/SECQ Comments
Presenters	Brian Welch
URL	https://www.ieee802.org/3/dj/public/24_11/welch_3dj_01_2411.pdf

Questions were asked and answered.

IMAT Reminder

11:18 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 noted that the Task Force would meet on tracks after the lunch break. The optical track would remain in the main meeting room. The electrical track would be in the Balmoral room.

Chair noted that he intended to run comment resolution on the cross clause topics until 12:45 p.m local time. He asked if there was an objection. No one responded.

Chair noted that the start time for the optical and electrical might be delayed until 1:30 p.m. PST due to the late lunch break. An announcement would be made over the Task Force email reflector.

Presentation #TF-9:

Title	Proposed Optical parameters for Clauses 182 and 183
Presenters	Mike Dudek
URL	https://www.ieee802.org/3/dj/public/24_11/dudek_3dj_01a_2411.pdf

Questions were asked and answered.

Presentation #TF-10:

Title	Addressing FECi TBDs
Presenters	Ali Ghiasi
URL	https://www.ieee802.org/3/dj/public/24_11/ghiasi_3dj_03_2411.pdf

Questions were asked and answered.

Straw Poll #TF-3:

Type: direction

(see comment #146)

Task Force meeting recessed at 12:38 p.m.

12 November 2024 – Electrical Track

Track called to order at 1:35 p.m. Pacific Standard time (all times PST) 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 November 2024 Plenary meeting requires registration and payment of registration fee. The November 2024 Plenary meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3)

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)

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

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

Comment resolution began at 1:41 p.m.

The Chair reminded all participants of the need for decorum in all meetings and that compliance with the IEEE Code of Ethics is required by all participants.

Presentation #E-1:

Title	C2M and CR signal specification
Presenters	Piers Dawe
URL	https://www.ieee802.org/3/dj/public/24_11/dawe_3dj_01_2411.pdf

Questions were asked and answered.

IMAT Reminder

3:02 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.

Track Chair noted that there was an option to extend the electrical track meeting to 7pm local time on Tuesday. He noted that there was CFI related to single pair ethernet and a NEA meeting on the fiber model. He asked if there was objection to extending the meeting until approximately 7:00 p.m. No one responded.

Presentation #E-2:

Title	Improvements to consider for jitter measurements
Presenters	Adee Ran
URL	https://www.ieee802.org/3/dj/public/24_11/ran_3dj_06a_2411.pdf

Author noted an error on slide 7 and would provide an updated version '06a'.

Questions were asked and answered.

PM Break

Break at 3:38 p.m. Resumed at 4:07 p.m.

Chair reminded participants of the extended meeting time on Tuesday. He would target recessing for the day at approximately 7:00 p.m.

Chair asked if there was objection to reopening comment #213 to add a note about the interfaces. No one responded. The comment was opened, changed, and closed.

Prior to the start of the presentation E-3, the author noted that he had an updated presentation with additional supporters.

Presentation #E-3:

Title	Reduction in Vf (max) and Associated Parameters
Presenters	Bill Simms
URL	https://www.ieee802.org/3/dj/public/24_11/simms_3dj_01a_2411.pdf

Matt Brown offered his support to the contribution.

Questions were asked and answered.

Straw Poll #E-1

Type: decision

(see comment #345)

IMAT Reminder

5:37 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.

Track Chair and Track Editor asked if there was objection to closing the comments related to #345 after the meeting closed, with the response of Accept in Principle and pointing back to comment #345. No one responded.

Presentation #E-4:

Title	Peak-to-peak output measurement results and proposal
Presenters	Adee Ran
URL	https://www.ieee802.org/3/dj/public/24_11/ran_3dj_05a_2411.pdf

Author noted an error on slide 8 where 176D and 176E should be 176C and 176D and would provide an updated version '05a'.

Questions were asked and answered.

Chair reminded participants to review the posted liaisons and liaison responses that would be considered by the Task Force on Thursday.

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

Meeting recessed for the day at 6:40 p.m.

12 November 2024 - Optical track

Track called to order at 1:40 pm Pacific Standard time (all times PST) by Mark Nowell, Optical 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.

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

Comment resolution began at 1:45 p.m.

IMAT Reminder

2:02pm 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.

Matt Brown, Chief Editor, said that he would later update the comment database to provide the full URLs to the presentations listed in the # 146 comment response

Presentation #O-1:

Title	Improving TDECQ Reference Equalizer Tap Limits - Addressing comments 268-295
Presenters	Ali Ghiasi
URL	https://www.ieee802.org/3/dj/public/24_11/ghiasi_3dj_01_2411.pdf

Questions were asked and answered.

Presentation #O-2:

Title	Supporting information for D1.2 comments
Presenters	John Johnson
URL	https://www.ieee802.org/3/dj/public/24_11/johnson_3dj_01a_2411.pdf

Questions were asked and answered.

PM Break

Break at 3:20 p.m. Resumed at 3:45 p.m.

Straw poll #O-1

Type: direction
(see comment #228)

IMAT Reminder

4:40 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.

Meeting recessed for the day at 5:15 p.m.

13 November 2024 - Electrical Track

Track called to order at 8:05 a.m. Pacific Standard time (all times PST) 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 November 2024 Plenary meeting requires registration and payment of registration fee. The November 2024 Plenary meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3)

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)

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

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

Comment resolution resumed at 8:08 a.m.

Presentation #E-5:

Title	CR and C2M host channel model parameters
Presenters	Adee Ran
URL	https://www.ieee802.org/3/dj/public/24_11/ran_3dj_02a_2411.pdf

Author noted an error on slide 4 with the table (TP1d should be TP1 and TP4d should be TP4) and would provide an updated version '02a'. Author would also update the note below the table to improve the wording of "Host transmission line length".

Questions were asked and answered.

IMAT Reminder

9:13 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded.

Presentation #E-6:

Title	Noise calibration for interference tolerance tests
Presenters	Adam Healey
URL	https://www.ieee802.org/3/dj/public/24_11/healey_3dj_02_2411.pdf

Questions were asked and answered.

AM Break

Break at 9:51 a.m. Resumed at 10:27 a.m.

Chair asked if there was feedback on applying the method in closed comment #207 to Annex 176C and Annex 176D. There was opposition to adding Annex 176D.

Chair asked if there was objection to reopening comment #213 to include Annex 176. No one responded. The comment was opened, changed, and closed.

Presentation #E-7:

Title	CR receiver test channel parameters
Presenters	Adee Ran
URL	https://www.ieee802.org/3/dj/public/24_11/ran_3dj_03_2411.pdf

Questions were asked and answered.

IMAT Reminder

11:36 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-8:

Title	Creating a numeric result for Rx interference tolerance
Presenters	Adee Ran
URL	https://www.ieee802.org/3/dj/public/24_11/ran_3dj_04_2411.pdf

Questions were asked and answered.

Adee Ran withdrew comment #96.

Lunch Break

Break at 12:40 p.m. Resumed at 1:35 p.m.

Chair reminded participants to review the posted liaisons and liaison responses that would be considered by the Task Force on Thursday. (See: https://www.ieee802.org/3/dj/public/24_11/dambrosia_3dj_05_2411_Redacted.pdf and https://www.ieee802.org/3/dj/public/24_11/dambrosia_3dj_04_2411_Redacted.pdf and https://www.ieee802.org/3/dj/public/24_11/dambrosia_3dj_03a_2411_Redacted.pdf)

Chair reminded in-person participants of the social event on Wednesday evening.

Presentation #E-9:

Title	For Comments against Annex179C
Presenters	Sam Kocsis
URL	https://www.ieee802.org/3/dj/public/24_11/kocsis_3dj_01_2411.pdf

Questions were asked and answered.

Presentation #E-10:

Title	Difference SNDR
Presenters	Adam Healey
URL	https://www.ieee802.org/3/dj/public/24_11/healey_3dj_01_2411.pdf

Questions were asked and answered.

IMAT Reminder

2:57 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.

Adee Ran withdrew comment #91.

PM Break

Break at 3:20 p.m. Resumed at 3:44 p.m.

Track Chair noted that the electrical track has approximately 10 comments remaining. He noted that the CRG was on schedule to close the remaining electrical track comments by end of day before the social. He asked if there was an objection to that goal. No one responded.

Straw Poll #E-2

Type: Decision
(see Comment #418)

Adee Ran withdrew comment #90.

IMAT Reminder

4:59 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.

Meeting recessed for the day at 5:28 p.m.

13 November 2024 - Optical Track

Track called to order at 8:02 a.m. Pacific Standard time (all times PST) by Mark Nowell, Optical 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 November 2024 Plenary meeting requires registration and payment of registration fee. The November 2024 Plenary meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3)

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)

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

Comment resolution began at 8:10 a.m.

Presentation #O-3:

Title	Updates on ETCC Specification for 802.3dj
Presenters	Eric Maniloff
URL	https://www.ieee802.org/3/dj/public/24_11/maniloff_3dj_01a_2411.pdf

Questions were asked and answered.

IMAT Reminder

9:05am 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.

Kishore Kota informed the chair that his contribution "Addressing Clause 185 TBDs for 800GBASE-LR1" https://www.ieee802.org/3/dj/public/24_11/kota_3dj_02_2411.pdf was well aligned with Eric Maniloff's (maniloff_3dj_02a) and it was only necessary to review Eric's contribution.

Presentation #O-4:

Title	Transmitter Specifications for 800GBASE-LR1
Presenters	Eric Maniloff
URL	https://www.ieee802.org/3/dj/public/24_11/maniloff_3dj_02b_2411.pdf

Updated to “02b” during the discussion to provide better details around some parameter definitions to aid with the comment resolution.

Questions were asked and answered.

AM Break

Break at 10:00 a.m. Resumed at 10:23 a.m.

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.

Lunch Break

Break at 12:00pm. Resumed at 1:05 p.m.

Presentation #O-5:

Title	Supporting Material for Comment #188
Presenters	John D’Ambrosia
URL	https://www.ieee802.org/3/dj/public/24_11/dambrosia_3dj_02a_2411.pdf

Questions were asked and answered.

IMAT Reminder

2:30 pm 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.

To close out comment #139, the presentation O-6 was reviewed with recent updates (slide 6-9)

Presentation #O-6:

Title	Editorial Team Comment Resolution Background - Optics Track (updated version)
Presenters	Eric Maniloff (for Matt Brown)
URL	https://www.ieee802.org/3/dj/public/24_11/issenhuth_3dj_01a_2411.pdf

Questions were asked and answered.

Meeting recessed for the day at 3:00 p.m.

13 November 2024 - Logic track

Track called to order at 8:03 am Pacific Standard Time (all times PST) 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 November 2024 electronic meeting requires registration and payment of registration fee. The November 2024 interim meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3)

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 #14)

Chair reviewed meeting decorum. (See Agenda slide #7). 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 Agenda slide #43). 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 delegated the meeting responsibilities to Eugene for comment resolution.

Comment resolution began at 8:11 a.m.

IMAT Reminder

9:24 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.

AM Break

Break at 10:07 am. Resumed at 10:35 am.

Presentation #L-1

Title	"Full deskew" issue for Clause 177
Presenters	Xiang He (Huawei)
URL	https://www.ieee802.org/3/dj/public/24_11/he_3dj_01_2411.pdf

Questions were asked and answered.

Presentation #L-2

Title	Addressing Clause 184 D1.2 text for 800GBASE-LR1
Presenters	Kishore Kota (Marvell)
URL	https://www.ieee802.org/3/dj/public/24_11/kota_3dj_01_2411.pdf

Questions were asked and answered.

Kishore Kota withdrew comment #426.

IMAT Reminder

11:46 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 12:16 pm. Resumed at 1:18 pm.

IMAT Reminder

2:13 pm: 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 2:56 pm.

14 November 2024

Meeting reconvened at 8:01 a.m. Pacific Standard time (all times PST) by John D’Ambrosia, Chair of the P802.3dj Task Force.

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

Chair showed agenda slide #1 and reminded participants that participation in the November 2024 Plenary meeting requires registration and payment of registration fee. The November 2024 Plenary meeting counts towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1 and #3)

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)

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

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

Chair reviewed the plans for the day.

Chair reminded participants of the liaisons. He provided an overview of the liaison received from UALink. He asked if any participants wanted to review it. No one responded.

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

Motion #2	Move to establish a draft-sharing relationship between the IEEE 802.3 Ethernet Working Group and the Ultra Accelerator Link Consortium (UA Link)
Technical (>= 75%)	
Moved by	Mark Nowell
Second by	Howard Heck
Results 802.3 (y/n/a)	Passed by unanimous consent 8:11 a.m.

Liaison - UALink

John D'Ambrosia reviewed the proposed liaison communication from P802.3dj to the UALink. He provided an overview of the letter. (see: https://www.ieee802.org/3/dj/public/24_11/dambrosia_3dj_03a_2411_Redacted.pdf) 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_11/IEEE_802d3_to_UALink_3dj_2411_Redacted.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. (see: https://www.ieee802.org/3/dj/public/24_11/dambrosia_3dj_04_2411_Redacted.pdf) 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_11/IEEE_802d3_to_ITU_3dj_2411_Redacted.pdf)

Liaison - OIF

John D'Ambrosia reviewed the proposed liaison communication from P802.3dj to the OIF. He provided an overview of the letter. (see: https://www.ieee802.org/3/dj/public/24_11/dambrosia_3dj_05_2411_Redacted.pdf) 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_11/IEEE_802d3_to_OIF_3dj_2411_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.

Motion #3:	Move that the IEEE P802.3dj Task Force approve: <ul style="list-style-type: none">• IEEE_802d3_to_OIF_3dj_2411_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.• IEEE_802d3_to_ITU_3dj_2411_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.• IEEE_802d3_to_UALink_3dj_2411_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 UALink. (Contingent upon IEEE 802.3 Working Group approval of the Draft Sharing Relationship with UALink).
Technical (>= 75%)	
Moved by	Mark Nowell
Second by	Mike Dudek
Results 802.3 (y/n/a)	Passed by unanimous consent. 8:25 a.m.

At 8:26 a.m., John D'Ambrosia passed the meeting chair responsibilities to Mark Nowell.

Presentation #TF-11:

Title	Revisiting the IEEE P802.3dj Adopted Timeline
Presenters	John D'Ambrosia
URL	https://www.ieee802.org/3/dj/public/24_11/dambrosia_3dj_01_2411.pdf

Questions were asked and answered.

At 8:44 a.m., John D'Ambrosia resumed the meeting chair responsibility.

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

Motion #4:	Move to adopt the revised timeline on slide 4 of dambrosia_3dj_01_2411
Technical (>= 75%)	
Moved by	Mark Nowell
Second by	Matt Brown
Results 802.3 (y/n/a)	Passed by unanimous consent. 8:46 a.m.

Chair provided an overview of the approach to approving the COM open source project request. He recognized Kent Lusted for his effort to find a path forward on the COM open source project.

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

Motion #5:	Move to adopt: <ul style="list-style-type: none">• The "Open Source Project Request" responses on Pages #15 – 20 in lusted_3dj_03a_2411.pdf for the Channel Operating Margin (COM) Code Open Source Proposal
Technical (>= 75%)	
Moved by	Adee Ran
Second by	Howard Heck
Results 802.3 (y/n/a)	Passed by unanimous consent. 8:53 a.m.

IMAT Reminder

8:54 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.

There was a question about the use of meeting codes on IMAT.

Comment resolution resumed at 8:57 a.m.

Chief Editor reviewed the current comment agenda. (see: https://www.ieee802.org/3/dj/public/24_11/brown_3dj_02e_2411.pdf)

AM Break

Break at 10:05 a.m. Resumed at 10:22 a.m.

Presentation #TF-12:

Title	Block error ratio using PCS-based measurements
Presenters	Adam Healey
URL	https://www.ieee802.org/3/dj/public/24_11/healey_3dj_03a_2411.pdf

Questions were asked and answered.

Matt Brown withdrew comment #127.

IMAT Reminder

11:23 a.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. 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.

Prior to the start of presentation #TF-13, the author had an updated version '02a' with an additional slide in the backup section. Chair asked if there was objection to hearing the updated contribution. No one responded.

Presentation #TF-13:

Title	Defining the training patterns
Presenters	Piers Dawe
URL	https://www.ieee802.org/3/dj/public/24_11/dawe_3dj_02a_2411.pdf

Questions were asked and answered.

Chair reviewed the future meetings in the agenda. He noted that the May 2025 interim would be a working meeting during the progress to Working Group ballot.

Chief Editor noted that all comments for D1.2 were resolved. He asked for a round of applause from the CRG.

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

Motion #6:	Move that the IEEE P802.3dj Task Force generate Draft 1.3 for the fourth Task Force Review from D1.2 and the closed comments
Technical (>= 75%)	
Moved by	Matt Brown
Second by	Eugene Opsasnick
Results 802.3 (y/n/a)	Passed by unanimous consent. 11:53 a.m.

Chair noted that closed comments also includes the comments in bucket1 and bucket2 adopted by Motion #TF-1 on Monday, 11 November 2024.

Chair noted that he would cancel the contingent meetings scheduled for 19-21 November 2024.

Chief Editor thanked the editorial team for their diligence to prepare for the comment resolution.

Motion #7:	Move to adjourn
Technical (>= 75%)	
Moved by	Beth Kochuparambil
Second by	Dave Ofelt
Results 802.3 (y/n/a)	Passed by unanimous consent. 11:56 a.m.

Meeting adjourned at 11:56 a.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

11 November - Task Force

Name	Employer	Affiliation
Akinwale, Oluwafemi		Intel Corporation
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.
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia
Calvin, John	Keysight Technologies	Keysight Technologies
Cassan, Dave	Alphawave	Alphawave
Castro, Jose	Panduit	Panduit Corp.
Chen, Chan	Self Employed	Independent/AOI
cheng, weiqiang	China Mobile Limited	China Mobile Limited
Choudhury, Golam	OFS	OFS
Cole, Christopher R	Finisar Corporation	Coherent Corp.
Cox, Ian		Broadcom Corporation
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary 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

Name	Employer	Affiliation
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Estes, David	Spirent Communications	Spirent Communications
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
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.
Heck, Howard	IEEE member / Self Employed	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Ho, Matthew		TE Connectivity
Huang, Kechao		Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Isono, Hideki	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Kabra, Lokesh	Synopsys, Inc.	Synopsys, Inc.
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Klingensmith, William	U.S. Federal Government	U.S. Federal Government
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kock, Joerg	NXP Semiconductors	NXP Semiconductors

Name	Employer	Affiliation
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Lee, Sylvanus	Leviton Manufacturing Co.	Leviton Manufacturing Co.
Levin, Itamar		Intel Corporation
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lieder, Eyal	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lim, Jane	Cisco Systems, Inc.	Cisco Systems, Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Hai-Feng	HG Genuine	HG Genuine
Liu, Karen	Nubis Communications	Nubis Communications
Lusted, Kent	Representing myself	Representing myself
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muhigana, Ernest		Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
MURAKAMI, YUKI	FUJITSU	FUJITSU

Name	Employer	Affiliation
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
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)
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, 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.
Peeters Weem, Jan	Maxim Integrated Products	CONSULTANT
peng, semmy		Huawei Technologies Co., Ltd
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
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
Rubin, Amir		NVIDIA

Name	Employer	Affiliation
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Cadence Design Systems	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
She, Qingya	Fujitsu Network Communications	Fujitsu Network Communications
Sheffi, Nir	Alphawave	Alphawave
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Shukla, Priyank	Synopsys, Inc.	Synopsys, Inc.
Sikkink, Mark	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Srivastava, Atul	NEL-America	NTT Electronics
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Stephens, Jeremy	Intel	AMD
Sun, Junqing	Credo Semiconductor	Credo Semiconductor
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Infinera
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Theodoras, James	HG Genuine	QXP Technologies

Name	Employer	Affiliation
Toyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Ulrichs, Ed	Intel	Intel
Venkataraman, Srinivas		Facebook
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.
Welch, Brian	Cisco Systems, Inc.	Luxtera
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Yin, Shuang		Google
Zhu, Keyi		HUAWEI
Zivny, Pavel	IEEE member / Self Employed	IEEE member / Self Employed

12 November - Task Force

Name	Employer	Affiliation
Akinwale, Oluwafemi		Intel Corporation
Beauregard, Francois	Belden Canada ULC	Belden
Ben-Artzi, Liav	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.

Name	Employer	Affiliation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia
Calvin, John	Keysight Technologies	Keysight Technologies
Cassan, Dave	Alphawave	Alphawave
Castro, Jose	Panduit	Panduit Corp.
Chen, Chan	Self Employed	Independent/AOI
cheng, weiqiang	China Mobile Limited	China Mobile Limited
Choudhury, Golam	OFS	OFS
Cole, Christopher R	Finisar Corporation	Coherent Corp.
Cox, Ian		Broadcom Corporation
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Affiliate of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
Dedic, Charlie		1-VIA
Diminico, Christopher	M C Communications, LLC	Panduit Corp.
Djahanshahi, Hormoz	Microchip Technology, Inc.	Microchip Technology, Inc.
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
Ferretti, Vincent	Corning Incorporated	Corning Incorporated
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

Name	Employer	Affiliation
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, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	IEEE member / Self Employed	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Ho, Matthew		TE Connectivity
Huang, Kechao		Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
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
Kabra, Lokesh	Synopsys, Inc.	Synopsys, Inc.
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Klingensmith, William	U.S. Federal Government	U.S. Federal Government
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Lambert, Angela	Corning Incorporated	Corning Incorporated

Name	Employer	Affiliation
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Lee, Sylvanus	Leviton Manufacturing Co.	Leviton Manufacturing Co.
Levin, Itamar		Intel Corporation
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lieder, Eyal	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lim, Jane	Cisco Systems, Inc.	Cisco Systems, Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Hai-Feng	HG Genuine	HG Genuine
Liu, Karen	Nubis Communications	Nubis Communications
Liu, Qingzhong		Fast Photonics
LIU, XIANG		Huawei Technologies Co., Ltd
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Lusted, Kent	Representing myself	Representing myself
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC
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

Name	Employer	Affiliation
Muller, Shimon	Enfabrica Corp.	Enfabrica
MURAKAMI, YUKI	FUJITSU	FUJITSU
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
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, 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.
Parthasarathy, Vasu	Broadcom Corporation	Broadcom Corporation
Peeters Weem, Jan	Maxim Integrated Products	CONSULTANT
peng, semmy		Huawei Technologies Co., Ltd
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.

Name	Employer	Affiliation
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	Cadence Design Systems	Cadence
Savi, Olindo	Hubbell Incorporated	Hubbell Incorporated
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
She, Qingya	Fujitsu Network Communications	Fujitsu Network Communications
Sheffi, Nir	Alphawave	Alphawave
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Shukla, Priyank	Synopsys, Inc.	Synopsys, Inc.
Sikkink, Mark	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Srivastava, Atul	NEL-America	NTT Electronics

Name	Employer	Affiliation
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Stephens, Jeremy	Intel	AMD
Sun, Junqing	Credo Semiconductor	Credo Semiconductor
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Infinera
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Theodoras, James	HG Genuine	QXP Technologies
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Ulrichs, Ed	Intel	Intel
Venkataraman, Srinivas		Facebook
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.
Welch, Brian	Cisco Systems, Inc.	Luxtera
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Yin, Shuang		Google

Name	Employer	Affiliation
Zebian, Sara		openai
Zhu, Keyi		HUAWEI
Zivny, Pavel	IEEE member / Self Employed	IEEE member / Self Employed

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Name	Employer	Affiliation
Akinwale, Oluwafemi		Intel Corporation
Beauregard, Francois	Belden Canada ULC	Belden
Ben-Artzi, Liav	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Brown, Matthew	Alphawave	Alphawave
Calvin, John	Keysight Technologies	Keysight Technologies
Cassan, Dave	Alphawave	Alphawave
cheng, weiqiang	China Mobile Limited	China Mobile Limited
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.
Estes, David	Spirent Communications	Spirent Communications
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.

Heck, Howard	IEEE member / Self Employed	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Ho, Matthew		TE Connectivity
Kabra, Lokesh	Synopsys, Inc.	Synopsys, Inc.
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kawatsu, Yasuaki	APRESIA Systems	APRESIA Systems
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.
Lieder, Eyal	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lim, Jane	Cisco Systems, Inc.	Cisco Systems, Inc.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Karen	Nubis Communications	Nubis Communications
Lusted, Kent	Representing myself	Representing myself
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
Moorwood, Charles	Keysight Technologies	Keysight Technologies
MURAKAMI, YUKI	FUJITSU	FUJITSU
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
Noujeim, Leesa	Google	Google
Palkert, Thomas	Macom, Samtec	Samtec-Macom

Parkholm, Ulf	Telefon AB LM Ericsson	Telefon AB LM Ericsson
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Richards, Wesley		CoMira Solutions, Inc.
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Cadence Design Systems	Cadence
Savi, Olindo	Hubbell Incorporated	Hubbell Incorporated
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
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Shukla, Priyank	Synopsys, Inc.	Synopsys, Inc.
Sikkink, Mark	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Stephens, Jeremy	Intel	AMD
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
Venkataraman, Srinivas		Facebook
Watanabe, Yojiro		Mitsubishi Electric US, Inc.
Wu, Mau-Lin	MediaTek Inc.	MediaTek Inc.
Zebian, Sara		openai
Zhu, Keyi		HUAWEI

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Name	Employer	Affiliation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia
Castro, Jose	Panduit	Panduit Corp.
Chen, Chan	Self Employed	Independent/AOI
Choudhury, Golam	OFS	OFS
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
Ferretti, Vincent	Corning Incorporated	Corning Incorporated
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
He, Michael		Innolight Technology Corproation
Huang, Kechao		Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
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.
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Lee, Sylvanus	Leviton Manufacturing Co.	Leviton Manufacturing Co.
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Liu, Hai-Feng	HG Genuine	HG Genuine
Liu, Qingzhong		Fast Photonics
LIU, XIANG		Huawei Technologies Co., Ltd
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC
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.
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
Omori, Kumi	NEC Corporation	NEC Corporation
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Parthasarathy, Vasu	Broadcom Corporation	Broadcom Corporation
Peeters Weem, Jan	Maxim Integrated Products	CONSULTANT
peng, semmy		Huawei Technologies Co., Ltd
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Rodes, Roberto	II-VI	II-VI
Royer, Tyler		Senko Advanced Components
Rubin, Amir		NVIDIA
She, Qingya	Fujitsu Network Communications	Fujitsu Network Communications
Sheffi, Nir	Alphawave	Alphawave
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Srivastava, Atul	NEL-America	NTT Electronics
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

Sun, Junqing	Credo Semiconductor	Credo Semiconductor
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Theodoras, James	HG Genuine	QXP Technologies
Ulrichs, Ed	Intel	Intel
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
Wang, Ruoxu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Watanabe, Yojiro		Mitsubishi Electric US, Inc.
Welch, Brian	Cisco Systems, Inc.	Luxtera
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Yin, Shuang		Google
Zivny, Pavel	IEEE member / Self Employed	IEEE member / Self Employed

13 November - Electrical Track

Name	Employer	Affiliation
Akinwale, Oluwafemi		Intel Corporation
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
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia

Calvin, John	Keysight Technologies	Keysight Technologies
Cassan, Dave	Alphawave	Alphawave
Chen, Chan	Self Employed	Independent/AOI
Choudhury, Golam	OFS	OFS
Cox, Ian		Broadcom Corporation
Dawe, Piers J G	NVIDIA	Nvidia
Dedic, Charlie		1-VIA
Diminico, Christopher	M C Communications, LLC	Panduit Corp.
Djahanshahi, Hormoz	Microchip Technology, Inc.	Microchip Technology, Inc.
Dudek, Michael	Marvell	Marvell
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies
Estes, David	Spirent Communications	Spirent Communications
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Ganesan, Aravind	Texas Instruments Inc.	Texas Instruments Inc.
Gauthier, Claude	NXP Semiconductors	NXP Semiconductors
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
Graba, James	Broadcom Corporation	Broadcom Corporation
Gui, Tao		Huawei Technologies Co., Ltd
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	IEEE member / Self Employed	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Ho, Matthew		TE Connectivity

Isono, Hideki	Fujitsu Optical Components Limited	Fujitsu Optical Components Limited
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kawatsu, Yasuaki	APRESIA Systems	APRESIA Systems
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
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, ERGE	Huawei Technologies Co., Ltd	Huawei
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lieder, Eyal	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lim, Jane	Cisco Systems, Inc.	Cisco Systems, Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Karen	Nubis Communications	Nubis Communications
Liu, Qingzhong		Fast Photonics
LIU, XIANG		Huawei Technologies Co., Ltd
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Lusted, Kent	Representing myself	Representing myself
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Marques, Flavio	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
Moorwood, Charles	Keysight Technologies	Keysight Technologies

MURAKAMI, YUKI	FUJITSU	FUJITSU
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
Nering, Raymond	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.
Omori, Kumi	NEC Corporation	NEC Corporation
Pal, Debajyoti		ON Semiconductor
Palkert, Thomas	Macom, Samtec	Samtec-Macom
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Parkholm, Ulf	Telefon AB LM Ericsson	Telefon AB LM Ericsson
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Peeters Weem, Jan	Maxim Integrated Products	CONSULTANT
peng, semmy		Huawei Technologies Co., Ltd
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Pineda, Luis	LP Tech Advisors, LLC	LP Tech Advisors, LLC (Samsung; 7Rays; Ethernovia)
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Richards, Wesley		CoMira Solutions, Inc.
Rodes, Roberto	II-VI	II-VI
Royer, Tyler		Senko Advanced Components
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Cadence Design Systems	Cadence

Sekel, Steve		Wilder Technologies
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Shanbhag, Megha	Tyco	TE Connectivity
shirani, ramin	Ethernovia	Aquantia
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Shukla, Priyank	Synopsys, Inc.	Synopsys, Inc.
Sikkink, Mark	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Srivastava, Atul	NEL-America	NTT Electronics
Stephens, Jeremy	Intel	AMD
Sun, Junqing	Credo Semiconductor	Credo Semiconductor
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Infinera
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tan, Yuxuan	Motorcomm	Motorcomm
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Theodoras, James	HG Genuine	QXP Technologies
Toyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Torres, Luisma	Knowledge Development for Plastic Optical Fiber	Knowledge Development for Plastic Optical Fiber
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Turner, Max	Ethernovia	Ethernovia

Ulrichs, Ed	Intel	Intel
Venkataraman, Srinivas		Facebook
Wang, Ruoxu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Watanabe, Yojiro		Mitsubishi Electric US, Inc.
Welch, Brian	Cisco Systems, Inc.	Luxtera
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
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Zebian, Sara		openai
Zhu, Keyi		HUAWEI
Zivny, Pavel	IEEE member / Self Employed	IEEE member / Self Employed

13 November - Optical Track

Name	Employer	Affiliation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Brandt, David	Rockwell Automation	Rockwell Automation
Brown, Matthew	Alphawave	Alphawave
Castro, Jose	Panduit	Panduit Corp.
Chen, Chan	Self Employed	Independent/AOI
cheng, weiqiang	China Mobile Limited	China Mobile Limited
Choudhury, Golam	OFS	OFS
Cole, Christopher R	Finisar Corporation	Coherent Corp.

D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Affiliate of Huawei
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc
Ferretti, Vincent	Corning Incorporated	Corning Incorporated
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
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)
He, Michael		Innolight Technology Corproation
Hirose, Takeshi	AGC Inc.	AGC Inc.
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
Kapoor, Samay	Aviva Links	Aviva Links Inc.
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Lee, Sylvanus	Leviton Manufacturing Co.	Leviton Manufacturing Co.
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Liu, Hai-Feng	HG Genuine	HG Genuine
Liu, Qingzhong		Fast Photonics

LIU, XIANG		Huawei Technologies Co., Ltd
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Muhigana, Ernest		Lumentum
Nering, Raymond	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
Omori, Kumi	NEC Corporation	NEC Corporation
PARK, CHUL SOO	Juniper Networks Inc.	Juniper Networks, Inc.
Parsons, Earl	CommScope, Inc.	CommScope, Inc.
Parthasarathy, Vasu	Broadcom Corporation	Broadcom Corporation
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Rodes, Roberto	II-VI	II-VI
Royer, Tyler		Senko Advanced Components
Savi, Olindo	Hubbell Incorporated	Hubbell Incorporated
She, Qingya	Fujitsu Network Communications	Fujitsu Network Communications
Sheffi, Nir	Alphawave	Alphawave
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED

TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tan, Yuxuan	Motorcomm	Motorcomm
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Theodoras, James	HG Genuine	QXP Technologies
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Torres, Luisma	Knowledge Development for Plastic Optical Fiber	Knowledge Development for Plastic Optical Fiber
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.
Welch, Brian	Cisco Systems, Inc.	Luxtera
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Yin, Shuang		Google

13 November - Logic Track

Name	Employer	Affiliation
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia
Cox, Ian		Broadcom Corporation
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Estes, David	Spirent Communications	Spirent Communications
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Huang, Kechao		Huawei Technologies Co., Ltd

Huber, Thomas	Nokia	Nokia
Kabra, Lokesh	Synopsys, Inc.	Synopsys, Inc.
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muhigana, Ernest		Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
Muma, Scott		Microchip Technology, Inc.
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
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
Ren, Hao	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Richards, Wesley		CoMira Solutions, Inc.
Rubin, Amir		NVIDIA
Shah, Anup	Siemens Corporation	Siemens EDA
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Sikkink, Mark	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Sun, Junqing	Credo Semiconductor	Credo Semiconductor
Tran, Viet	Keysight Technologies	Keysight Technologies
Veloso Cauce, Gumersindo	BMW Group	BMW AG; BMW Group

14 November - Task Force

Name	Employer	Affiliation
Akinwale, Oluwafemi		Intel Corporation
Ben-Artzi, Liav	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.

Name	Employer	Affiliation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	Huawei Technologies Co., Ltd	Nvidia
Calvin, John	Keysight Technologies	Keysight Technologies
Cassan, Dave	Alphawave	Alphawave
Castro, Jose	Panduit	Panduit Corp.
Chen, Chan	Self Employed	Independent/AOI
cheng, weiqiang	China Mobile Limited	China Mobile Limited
Choudhury, Golam	OFS	OFS
Cole, Christopher R	Finisar Corporation	Coherent Corp.
Cox, Ian		Broadcom Corporation
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Affiliate of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
Dedic, Charlie		1-VIA
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Djahanshahi, Hormoz	Microchip Technology, Inc.	Microchip Technology, Inc.
Donahue, Curtis	Rohde & Schwarz	Rohde & Schwarz
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
Fellhauer, Felix	Robert Bosch GmbH	Robert Bosch GmbH
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

Name	Employer	Affiliation
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
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.
Heck, Howard	IEEE member / Self Employed	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Hirose, Takeshi	AGC Inc.	AGC Inc.
Ho, Matthew		TE Connectivity
Huang, Kechao		Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
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
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kawatsu, Yasuaki	APRESIA Systems	APRESIA Systems
Kim, Kihong/Joshua	Hirose Electric (USA), Inc.	Hirose Electric (USA), Inc.
Klingensmith, William	U.S. Federal Government	U.S. Federal Government
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation

Name	Employer	Affiliation
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Lee, Sylvanus	Leviton Manufacturing Co.	Leviton Manufacturing Co.
Levin, Itamar		Intel Corporation
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lieder, Eyal	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Lim, Jane	Cisco Systems, Inc.	Cisco Systems, Inc.
Little, Terrance	Foxconn Electronics Inc.	Foxconn Electronics Inc.
Liu, Cathy	Broadcom Corporation	Broadcom Corporation
Liu, Hai-Feng	HG Genuine	HG Genuine
Liu, Karen	Nubis Communications	Nubis Communications
Liu, Qingzhong		Fast Photonics
LIU, XIANG		Huawei Technologies Co., Ltd
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Lusted, Kent	Representing myself	Representing myself
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Marques, Flavio	FURUKAWA ELECTRIC	FURUKAWA ELECTRIC
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Muhigana, Ernest		Lumentum

Name	Employer	Affiliation
Muller, Shimon	Enfabrica Corp.	Enfabrica
Muth, Karlheinz	Broadcom Corporation	Broadcom Corporation
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, 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.
Parthasarathy, Vasu	Broadcom Corporation	Broadcom Corporation
Peeters Weem, Jan	Maxim Integrated Products	CONSULTANT
Pepper, Gerald	Keysight Technologies	Keysight Technologies
Quan, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
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.

Name	Employer	Affiliation
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	Cadence Design Systems	Cadence
Savi, Olindo	Hubbell Incorporated	Hubbell Incorporated
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
She, Qingya	Fujitsu Network Communications	Fujitsu Network Communications
Sheffi, Nir	Alphawave	Alphawave
Shukla, Priyank	Synopsys, Inc.	Synopsys, Inc.
Sikkink, Mark	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Slavick, Jeff	Broadcom Inc	Broadcom Inc
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDRIES
Srivastava, Atul	NEL-America	NTT Electronics
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Stephens, Jeremy	Intel	AMD
Sun, Junqing	Credo Semiconductor	Credo Semiconductor

Name	Employer	Affiliation
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Infinera
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tartaglia, Antonio	Ericsson AB	Ericsson AB
Theodoras, James	HG Genuine	QXP Technologies
Tooyserkani, Pirooz	Cisco Systems, Inc.	Cisco Systems, Inc.
Tracy, Nathan	TE Connectivity	TE Connectivity
Ulrichs, Ed	Intel	Intel
Venkataraman, Srinivas		Facebook
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.
Welch, Brian	Cisco Systems, Inc.	Luxtera
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
Yamazaki, Kinya	APRESIA Systems	APRESIA Systems
Yin, Shuang		Google
Zebian, Sara		openai
Zhu, Keyi		HUAWEI
Zhuang, Yan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

Name	Employer	Affiliation
Zivny, Pavel	IEEE member / Self Employed	IEEE member / Self Employed