# 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, and Kent Lusted

# 13 May 2025

March 2025 Session Location: New Orleans, LA, USA IEEE P802.3dj Task Force March 2025 Meeting Task Force Page - <u>https://www.ieee802.org/3/dj/public/25\_05/index.html</u>

Session called to order at 8:04 a.m. Central Daylight Time (CDT) 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 May 2025 meeting requires registration or payment of registration fee. The meeting will count towards IEEE 802.3 Working Group voting membership. (see Agenda slide #1)

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

### Agenda:

Title	Agenda and General Information	
Presenters	John D'Ambrosia	
URL	https://www.ieee802.org/3/dj/public/25_05/agenda_3dj_c_2505.pdf	

Chair welcomed everyone to the meeting.

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

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

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

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

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

• IEEE P802.3dj TF – <u>https://www.ieee802.org/3/dj/public/25\_03/minutes\_3dj\_2503\_unapproved.pdf</u>

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

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

Chair reviewed meeting decorum. (See Slide #10) Chair asked if there were any members of the press present. No one responded.

Chair reviewed attendance. (See Slide #11) Chair noted that Task Force meeting attendance would be through the IEEE Meeting Attendance (IMAT).

Chair reviewed the Task Force Project Information / Organization for the P802.3dj Task Forces. (See Slides #12).

Chair reviewed the goals for the session (see slide #13).

Chair reviewed the requirements for requesting Working Group ballot (see Slide #14)

Chair reviewed ground rules. (See Slide #15)

Chair reviewed voting in the task force. (see slide #17) Chair noted that the straw polls would use the online meeting tool. Motions would be taken with the Direct Vote Live tool if there was not unanimous consent. Chair noted that he reserved the right to take informative straw polls by 802.3 WG voting membership.

Chair reviewed the update membership and attendance recording requirements (see slide #18). Chair noted that he would be reporting individuals signing into IMAT that did not meet the eligibility requirements.

Slide #19 - 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 #38) 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 #43) 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 #46) 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 #47) 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 March 2025 meeting. (see Agenda slide #20)

Chair noted that two liaisons from the OIF were received: the first one was a cover letter and the second one contained the attachment.

There were 3 liaisons from ITU-T assigned to the Task Force.

Chair also noted that there were proposed liaison communications to OIF, ITU-T, UALink, INCITS for consideration by the Task Force. The liaison responses would be considered during the closing business on Thursday.

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

Chair noted that straw poll requests should be sent to John D'Ambrosia, Mark Nowell, Gary Nicholl and Kent Lusted.

Chair received updated presentation requests from Ali Ghiasi and Sam Kocsis. He also received a late presentation request from Mark Kimber on the TDECQ topic. He asked if there was objection to hearing the contributions. No one responded.

# Chief Editor Report:

Title	Editor's Report
Presenters	Matt Brown
URL	https://www.ieee802.org/3/dj/public/25_05/brown_3dj_01_2505.pdf

Questions were asked and answered.

Motion #1:	<ul> <li>Move to:</li> <li>Generate Draft 2.0 from Draft 1.5</li> <li>Request that IEEE 802.3 WG progress the draft to WG Ballot.</li> </ul>
Technical (>= 75%)	
Moved by	Matt Brown
Second by	Ali Ghiasi
Results 802.3 (y/n/a)	Passed by unanimous consent. 8:41 a.m.

# Presentation #1:

Title	Proposal for P802.3dj MPI penalty calculation and specification
Presenters	John Johnson
URL	https://www.ieee802.org/3/dj/public/25_05/johnson_3dj_01a_2505.pdf

Questions were asked and answered.

# **IMAT Reminder:**

9:04 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 #2:

Title	Revisiting MPI Penalty for Optical PMDs
Presenters	Ali Ghiasi
URL	https://www.ieee802.org/3/dj/public/25_05/ghiasi_3dj_01a_2505.pdf

Author noted that he would add a hyperlink on slide 10 and would provide an updated contribution '01a' Questions were asked and answered.

# **AM Break**

Break at 9:59 a.m. Resumed at 10:20 a.m.

#### Presentation #3:

Title	Optical receiver sensitivity measured by Block Error Ratio method	
Presenters	Michael He	
URL	https://www.ieee802.org/3/dj/public/25_05/he_3dj_01_2505.pdf	

Questions were asked and answered.

#### **IMAT Reminder:**

10:45 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 #4:**

Title	Transmitter Optimization, TDECQ and Inter-op
Presenters	Mark Kimber
URL	https://www.ieee802.org/3/dj/public/25_05/kimber_3dj_01a_2505.pdf

Author fixed a typo and added a clarifying statement that would be provided an updated version '01a' Questions were asked and answered.

#### **Presentation #5:**

Title	TDECQ Correlation to Link Performance
Presenters	Ahmad El-Chayeb
URL	https://www.ieee802.org/3/dj/public/25_05/chayeb_3dj_01_2505.pdf

Questions were asked and answered.

Chair summarized that the previous presentations may have highlighted an area for improvement in the draft on the topic of TDECQ and would be looking for contributions for ad hocs and the July plenary.

#### Lunch Break

Break at 12:15 p.m. Resumed at 1:15 p.m.

#### **Presentation #6:**

Title	Optical specification alignment of 800GBASE-LR1 & 800GBASE-ER1	
Presenters	Eric Maniloff	
URL	https://www.ieee802.org/3/dj/public/25_05/maniloff_3dj_01a_2505.pdf	

Questions were asked and answered.

During the presentation, it was noted that the presentation was an update and had been forwarded to the Chair for posting.

#### **IMAT Reminder:**

1:45 p.m. Chair reminded the room that this meeting required registration and payment of registration fee. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded. The Chair noted that the Zoom tool was reporting that the meeting was being transcribed for AI Companion. He indicated that he reviewed it and that the meeting is not being transcribed, and he has contacted Zoom about this.

# Presentation #7:

Title	ETCC Analysis on OFC Plugfest Data
Presenters	Ahmad El-Chayeb
URL	https://www.ieee802.org/3/dj/public/25_05/chayeb_3dj_02a_2505.pdf

Questions were asked and answered.

### Liaison ITU-T TQM

John D'Ambrosia showed the proposed liaison communication from IEEE to the ITU-T on the TQM topic. He provided an overview of the letter. (see: <a href="https://www.ieee802.org/3/dj/public/25\_05/nowell\_3dj\_02\_2505.pdf">https://www.ieee802.org/3/dj/public/25\_05/nowell\_3dj\_02\_2505.pdf</a>) Changes were made and saved to the filename to align with IEEE 802.3 conventions. (see: <a href="https://www.ieee802.org/3/dj/public/25\_05/IEEE\_802d3\_to\_ITU\_3\_3dj\_2505\_Redacted.pdf">https://www.ieee802.org/3/dj/public/25\_05/nowell\_3dj\_02\_2505.pdf</a>) Changes were

# **Liaison OIF**

John D'Ambrosia showed the proposed liaison communication from IEEE to the OIF. He provided an overview of the letter. (see: <u>https://www.ieee802.org/3/dj/public/25\_05/dambrosia\_3dj\_05\_2505.pdf</u>) Changes were made and saved to the filename to align with IEEE 802.3 conventions. (see: <u>https://www.ieee802.org/3/dj/public/25\_05/IEEE\_802d3\_to\_OIF\_3dj\_2505\_Redacted.pdf</u>)

### **PM Break**

Break at 2:50 p.m. Resumed at 3:18 p.m.

#### **Presentation #8:**

Title	Multicore Fiber (MCF) Options for 400G-PAM4 Data Center Connnectivities
Presenters	Rangchen Yu
URL	https://www.ieee802.org/3/dj/public/25_05/yu_3dj_01_2505.pdf

Questions were asked and answered.

# **IMAT Reminder:**

3:55 p.m. Chair reminded the room that this meeting required registration and payment of registration fee. 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.

# Liaison ITU-T TQM

John D'Ambrosia showed the proposed liaison communication from IEEE to the ITU-T on the MCF topic. He provided an overview of the letter. (see: <u>https://www.ieee802.org/3/dj/public/25\_05/nowell\_3dj\_01\_2505\_Redacted.pdf</u>) Changes were made and saved to the filename to align with IEEE 802.3 conventions. (see: <u>https://www.ieee802.org/3/dj/public/25\_05/IEEE\_802d3\_to\_ITU\_2\_3dj\_2505\_Redacted.pdf</u>)

Chair reminded participants of the New Ethernet Applications (NEA) meeting scheduled for 7pm local time. Chair noted that the meeting would start at 9:00 a.m. on Wednesday. Chair reminded participants to review the proposed liaison responses.

Meeting recessed for the day at 4:55 p.m.

# 14 May 2025 – Task Force Session

Meeting reconvened at 9:00 a.m. Central Daylight Time (CDT) 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 May 2025 meeting requires registration or payment of registration fee. The 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.

Chair noted that the updated liaison responses were posted for review by the Task Force. Please send comments to Kent Lusted and John D'Ambrosia.

At 9:07 a.m. John D'Ambrosia passed the meeting chair responsibility to Kent Lusted.

#### **Presentation #9:**

Title	S-Parameter Stop Frequency Impact on COM and ERL for CR/KR and C2M Channels	
Presenters	Rich Mellitz	
URL	https://www.ieee802.org/3/dj/public/25_05/mellitz_3dj_01a_2505.pdf	

Author noted an error on slide 3 and would provide an updated version 01a.

Questions were asked and answered.

# **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 1032 a.m. Resumed at 10:46 a.m.

#### Presentation #10:

Title	SNDR REF Evaluation and Data	
Presenters	Rich Mellitz	
URL	https://www.ieee802.org/3/dj/public/25_05/mellitz_3dj_02_2505.pdf	

Questions were asked and answered.

#### **IMAT Reminder:**

11:03 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. The announcement reminded participants that participation in the May 2025 meeting requires registration or payment of registration fee.

#### Presentation #11:

Title	SNR MDFEXT and MTF specifications	
Presenters	Rich Mellitz	
URL	https://www.ieee802.org/3/dj/public/25_05/mellitz_3dj_03_2505.pdf	

Questions were asked and answered.

Prior to the start of presentation #12, the Task Force Chair announced that the presentation would be heard before lunch break and the Q&A would be taken after lunch break. He asked if there was an objection. No one responded.

#### Presentation #12:

Title	Quantization Noise in COM – Direct Model or Proxy?		
Presenters	Hossein Shakiba		
URL	https://www.ieee802.org/3/dj/public/25 05/shakiba 3dj 01a 2505.pdf		

Author noted an error on slide 14, and noted an update would be sent.

Questions were asked and answered.

#### **Lunch Break**

Break at 12:15 p.m. Resumed at 1:15 p.m.

#### **Presentation #13:**

Title	MTF Performance Evaluation	
Presenters	Sam Kocsis	
URL	https://www.ieee802.org/3/dj/public/25_05/kocsis_3dj_01b_2505.pdf	
a		

Questions were asked and answered.

#### **IMAT Reminder:**

2:45 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded. The announcement reminded participants that participation in the May 2025 meeting requires registration or payment of registration fee.

#### **Presentation #14:**

Title	Challenges with dSNDR Measurement	
Presenters	Ali Ghiasi	
URL	https://www.ieee802.org/3/dj/public/25_05/ghiasi_3dj_02a_2505.pdf	

Questions were asked and answered.

#### **PM Break**

Break at 3:17 p.m. Resumed at 3:54 p.m.

#### Straw Poll #1:

For the quantization noise modeling in COM Annex 178A, I prefer the direction of:

- A. no change
- B. direct method (e.g. shakiba\_3dj\_01a\_2505, slide 5 & 15)

C. need more information/something else

D. abstain (choose one) Results: A: 14, B: 28, C: 8 , D: 10

# **IMAT Reminder:**

4:37 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. The announcement reminded participants that participation in the May 2025 meeting requires registration or payment of registration fee.

Kent Lusted provided a summary of the topics covered during the day.

Mark Nowell provided a summary of the topics from the optics that need consensus building towards solutions.

John D'Ambrosia reminded participants of the attendance requirements for the interim meeting.

Chair noted that the meeting would start at 1:15 p.m. on Thursday.

Chair asked for a round of applause in the Ethernet Alliance for hosting the interim meeting.

Chair reminded participants to review the proposed liaison responses.

Meeting recessed for the day at 4:47 p.m.

# 15 May 2025 – Task Force

Meeting reconvened at 1:16 p.m. Central Daylight Time (CDT) 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 May 2025 meeting requires registration or payment of registration fee. The 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.

# Liaisons

John D'Ambrosia showed the proposed liaison communication from IEEE to the ITU-T with D2.0. He provided an overview of the letter. (see: <u>https://www.ieee802.org/3/dj/public/25\_05/dambrosia\_3dj\_02\_2505\_Redacted.pdf</u>) Changes were made and saved to the filename to align with IEEE 802.3 conventions. (see: <u>https://www.ieee802.org/3/dj/public/25\_05/IEEE\_802d3\_to\_ITU\_1\_3dj\_2505\_Redacted.pdf</u>)

John D'Ambrosia showed the proposed liaison communication from IEEE to UALink with D2.0. He provided an overview of the letter. (see: <u>https://www.ieee802.org/3/dj/public/25\_05/dambrosia\_3dj\_03\_2505\_Redacted.pdf</u>) Changes were made and saved to the filename to align with IEEE 802.3 conventions. (see: <u>https://www.ieee802.org/3/dj/public/25\_05/IEEE 802d3\_to\_UALink\_3dj\_2505\_Redacted.pdf</u>)

John D'Ambrosia showed the proposed liaison communication from IEEE to INCITS with D2.0. He provided an overview of the letter. (See: <u>https://www.ieee802.org/3/dj/public/25\_05/dambrosia\_3dj\_04\_2505\_Redacted.pdf</u>) Changes were made and saved to the filename to align with IEEE 802.3 conventions. (see: <u>https://www.ieee802.org/3/dj/public/25\_05/IEEE\_802d3\_to\_INCITS\_3dj\_2505\_Redacted.pdf</u>)

John D'Ambrosia showed the proposed liaison communication from IEEE to ITU on the TQM topic. He provided an overview of the letter. (See:

<u>https://www.ieee802.org/3/dj/public/25\_05/IEEE\_802d3\_to\_ITU\_3\_3dj\_2505\_Redacted.pdf</u>) Changes were made and saved to the filename to align with IEEE 802.3 conventions. (see: https://www.ieee802.org/3/dj/public/25\_05/IEEE\_802d3\_to\_ITU\_3a\_3dj\_2505\_Redacted.pdf)

John D'Ambrosia showed the proposed liaison communication from IEEE to OIF on the TQM topic. He provided an overview of the letter. (See: <u>https://www.ieee802.org/3/dj/public/25\_05/IEEE\_802d3\_to\_OIF\_3dj\_2505\_Redacted.pdf</u>) No changes were made.

Mark Nowell showed the proposed liaison communication from IEEE to ITU-T on the WC-MCF topic. He provided an overview of the letter. (See:

<u>https://www.ieee802.org/3/dj/public/25\_05/IEEE\_802d3\_to\_ITU\_2\_3dj\_2505\_Redacted.pdf</u>) Changes were made and saved to the filename to align with IEEE 802.3 conventions. (see: <u>https://www.ieee802.org/3/dj/public/25\_05/IEEE\_802d3\_to\_ITU\_2a\_3dj\_2505\_Redacted.pdf</u>)

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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: liaisons	Move that the IEEE P802.3dj Task Force approve: IEEE_802d3_to_ITU_1_3dj_2505_Redacted.pdf IEEE_802d3_to_UALink_3dj_2505_Redacted.pdf IEEE_802d3_to_INCITS_3dj_2505_Redacted.pdf IEEE_802d3_to_ITU_2a_3dj_2505_Redacted.pdf IEEE_802d3_to_OIF_3dj_2505_Redacted.pdf IEEE_802d3_to_OIF_3dj_2505_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-T, UALink, INCITS and OIF.	
Technical (>= 75%)		
Moved by	Tom Palkert	
Second by	Jim Weaver	
Results 802.3 (y/n/a)	Result: Passed by unanimous consent. 1:41 p.m.	

### Presentation #: 15

Title	AN and ILT Timers, and Timeout Topic - May Update	
Presenters	Kent Lusted	
URL	https://www.ieee802.org/3/dj/public/25_05/lusted_3dj_01_2505.pdf	

Questions were asked and answered.

Chair noted that the TF would take a break due to the in-person room conditions.

#### **IMAT Reminder:**

2:15 p.m. Chair asked that eligible participants should sign in to IMAT to claim Working Group attendance credit. He noted that participants not eligible to sign in to IMAT to claim Working Group attendance credit are to send an email to John D'Ambrosia / Kent Lusted to be recorded in the meeting minutes. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded. The announcement reminded participants that participation in the May 2025 meeting requires registration or payment of registration fee.

Break at 2:16 p.m. Resumed at 2:36 p.m.

Updated version with editorial changes.

# Presentation #: 16

Title	AN timeout and fast restart mechanism	
Presenters	Adee Ran	
URL	https://www.ieee802.org/3/dj/public/25_05/ran_3dj_02a_2505.pdf	

Questions were asked and answered.

Presentation #: 17	
Title	Block TDECQ Test Method
Presenters	Ali Ghiasi
URL	https://www.ieee802.org/3/dj/public/25_05/ghiasi_3dj_03a_2505.pdf

Questions were asked and answered.

### **IMAT Reminder:**

3:55 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. He paused for a minute to let eligible attendees sign into IMAT. He asked if there was any eligible participant having a problem signing into IMAT. No one responded. The announcement reminded participants that participation in the May 2025 meeting requires registration or payment of registration fee.

Prior to the start of the presentation, the author had an updated version '03a' with new technical content. Chair asked if there was objection to hearing the updated version. No one responded.

#### Presentation #: 18

Presenters Adee Ran	MTTFPA with stateless PCS decoder	
	Adee Ran	
URL https://www.ieee802.org/3/dj/public/25_05/ran_3dj_03a_2505.pdf		

Questions were asked and answered.

Task Force Chair reviewed the next steps for the coming months. (see agenda version c slides #22-25)

Chair reviewed future meetings.

Chair noted that the agenda was complete.

Meeting adjourned at 5:12 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

# 13 May 2025

Name	Employer	Affiliation
Akinwale, Oluwafemi		Intel Corporation
Benyamin, Saied	Ethernovia	Ethernovia
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Brooks, Paul	Viavi solutions GmbH	Viavi Solutions
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	NVIDIA	NVIDIA
Brychta, Michal	Analog Devices Inc.	Analog Devices Inc.
Calvin, John	Keysight Technologies	Keysight Technologies
Castro, Jose	Panduit	Panduit Corp.
Chan, Jason		Arista Networks
Chen, Chan	Self Employed	Independent/AOI
Chini, Ahmad	Broadcom Corporation	Broadcom Corporation
Choudhury, Golam	Lightera	Lightera
Cox, lan		Broadcom Corporation
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Dodds, Michael		Leviton Manufacturing Co., Inc.
Donahue, Curtis	Rohde & Schwarz	Rohde & Schwarz

Name	Employer	Affiliation
Dsilva, Hansel		Amphenol Corporation
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
Fuller, Paul		Marvell
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Gauthier, Claude	NXP Semiconductors	NXP Semiconductors
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
George, John		Lightera
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
Graba, James	Broadcom Corporation	Broadcom Corporation
Graber, Steffen	Pepperl+Fuchs SE	Pepperl+Fuchs SE
Gubow, Martin	Keysight Technologies	Keysight Technologies
Gupta, Ajeya		General Motors Company
HE, MICHAEL		TeraHop Pte. Ltd.
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	TE Connectivity	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor

Name	Employer	Affiliation
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Houck, TJ	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Huang, Kechao		Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Hutchins, Jeff	Ranovus	Ranovus
Hutchison, Guy	Aviva Links	Aviva Links Inc; Aviva Links Inc.
Isono, Hideki	Furukawa FITEL 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
Jonsson, Ragnar	Marvell Semiconductor, Inc.	Marvell
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocot, Chris		Coherent
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Kutscher, Noam		Marvell
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.

Name	Employer	Affiliation
Lasry, Ariel	Qualcomm Technologies, Inc	Qualcomm Technologies, Inc
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Lee, Ching-Yen		Realtek Semiconductor Corp.
Lessard, Stephane		Ericsson AB
Levin, Itamar	Altera Corporation, an Intel company	Altera Corporation, an Intel company
Levy, Nir		Alphawave Semi
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lin, YK		Realtek Semiconductor Corp.
Liu, Hai-Feng	HG Genuine	HG Genuine
Liu, Karen	Nubis Communications	Nubis Communications
Long, Richard		TE Connectivity
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maguire, Valerie	Copperopolis	Copperopolis, affiliated with CME Consulting and Cisco
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
Mascitto, Marco		Nokia

Name	Employer	Affiliation
mash, chris	Nupero Ltd	Ethernovia Inc
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.
Miskho, Michael		Analog Devices Inc.
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muhigana, Ernest	Lumentum LLC	Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
MURAKAMI, YUKI	FUJITSU	FUJITSU
Murray, Brian	Analog Devices Inc.	Analog Devices Inc.
Murty, Ramana	Broadcom Inc.	Broadcom Corporation
Nakamoto, Edward	Spirent Communications	Spirent Communications
Nering, Raymond	Cisco Systems, Inc.	Cisco Systems, Inc.
Ng, Hiok Tiaq	Aviva Links Inc.	Aviva Links Inc; Aviva Links Inc.
Nicholl, Gary	Cisco Systems, Inc.	Cisco Systems, Inc.
Nicholl, Shawn	Advanced Micro Devices (AMD)	Advanced Micro Devices (AMD)
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
OGAWA, SHOJI	Furukawa	FURUKAWA ELECTRIC
Omori, Kumi	NEC Corporation	NEC Corporation
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Palkert, Thomas		Samtec-Macom
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB
Perez De Aranda Alonso, Ruben	Knowledge Development for POF SL	Cisco Systems, Inc.

Name	Employer	Affiliation
Phadke, Rohan		Arista Networks
Pineda, Luis	LP Tech Advisors, LLC	LP Tech Advisors, LLC; Samsung, Ethernovia
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.
Rock, Jason		Dell Inc.; Dell Technologies
Rodes, Roberto	II-VI	II-VI
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Cadence Design Systems	Cadence
Sedarat, Hossein	Ethernovia	Ethernovia
Sekel, Steve	Wilder Technologies	Keysight Technologies
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Shanbhag, Megha	Тусо	TE Connectivity
Sheffi, Nir	Alphawave	Alphawave
shirani, ramin	Ethernovia	Aquantia
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Smith, Evan	Tektronix, Inc.	Tektronix, Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc

Name	Employer	Affiliation
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDIRES
Srivastava, Atul	NEL-America	NTT Electronics
Stassar, Peter	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Stephens, Jeremy	Intel	AMD
Strohmeier, Heiko	Robert Bosch GmbH	Robert Bosch GmbH
Sun, Junqing	Credo Semiconductor	Credo Semiconductor
Sun, Yi	OFS	Lightera
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Nokia
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tan, Yuxuan	Motorcomm	Motorcomm
Tanc, Ahmet		NXP Semiconductors; NXP Semiconductors
tian, yuchi		China Mobile
Torres, Luisma	Knowledge Development for POF SL	Knowledge Development for Plastic Optical Fiber
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Turner, Max	Ethernovia	Ethernovia
Vakilian, Kambiz	Broadcom Corporation	Broadcom Corporation
Veloso Cauce, Gumersindo	BMW Group	BMW AG; BMW Group
Venkataraman, Srinivas		Facebook

Name	Employer	Affiliation
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
WANG, Xuebo		Huawei Technologies Co., Ltd
Weaver, James	Arista Networks	Arista Networks
Welch, Brian	Cisco Systems, Inc.	Luxtera
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
XU, LI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yu, Rang-Chen	Innolight Technology Corproation	Innolight Technology Corproation
Zhuang, Yan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zivny, Pavel	MultiLane	IEEE member / Self Employed

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Name	Employer	Affiliation
Ahuja, Ramanjit	ON Semiconductor	ON Semiconductor
Akinwale, Oluwafemi		Intel Corporation
Bar-Niv, Amir	Aquantia Corp	Marvell

Name	Employer	Affiliation
Benyamin, Saied	Ethernovia	Ethernovia
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Brooks, Paul	Viavi solutions GmbH	Viavi Solutions
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	NVIDIA	NVIDIA
Brychta, Michal	Analog Devices Inc.	Analog Devices Inc.
Calvin, John	Keysight Technologies	Keysight Technologies
Castro, Jose	Panduit	Panduit Corp.
Chan, Jason		Arista Networks
Chen, Chan	Self Employed	Independent/AOI
Choudhury, Golam	Lightera	Lightera
Cox, lan		Broadcom Corporation
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dawe, Piers J G	NVIDIA	Nvidia
de Koos, Andras	Microchip Technology Inc	Microchip Technology Inc
Dodds, Michael		Leviton Manufacturing Co., Inc.
Donahue, Curtis	Rohde & Schwarz	Rohde & Schwarz
Dsilva, Hansel		Amphenol Corporation
Dudek, Michael	Marvell	Marvell
Effenberger, Frank	Futurewei Technologies	Futurewei Technologies

Name	Employer	Affiliation
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
George, John		Lightera
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
Gorshe, Steven Scott	Microchip Technology, Inc.	Microchip Technology, Inc.
Graba, James	Broadcom Corporation	Broadcom Corporation
Graber, Steffen	Pepperl+Fuchs SE	Pepperl+Fuchs SE
Gupta, Ajeya		General Motors Company
HE, MICHAEL		TeraHop Pte. Ltd.
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	TE Connectivity	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Huang, Kechao		Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
Hutchins, Jeff	Ranovus	Ranovus

Name	Employer	Affiliation
Hutchison, Guy	Aviva Links	Aviva Links Inc; Aviva Links Inc.
HYAKUTAKE, YASUHIRO	Orbray Co., Ltd.	Orbray Co., Ltd.
Isono, Hideki	Furukawa FITEL Optical Components Limited	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.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocot, Chris		Coherent
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Kutscher, Noam		Marvell
Lambert, Angela	Corning Incorporated	Corning Incorporated
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Lasry, Ariel	Qualcomm Technologies, Inc	Qualcomm Technologies, Inc
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise

Name	Employer	Affiliation
Lee, Ching-Yen		Realtek Semiconductor Corp.
Lessard, Stephane		Ericsson AB
Levin, Itamar	Altera Corporation, an Intel company	Altera Corporation, an Intel company
Levy, Nir		Alphawave Semi
LI, ERGE	Huawei Technologies Co., Ltd	Huawei
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Lin, YK		Realtek Semiconductor Corp.
Liu, Hai-Feng	HG Genuine	HG Genuine
Liu, Karen	Nubis Communications	Nubis Communications
Long, Richard		TE Connectivity
Luo, Yuanqiu	Futurewei Technologies	Futurewei Technologies
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Maniloff, Eric	Ciena Corporation	Ciena Corporation
Mascitto, Marco		Nokia
mash, chris	Nupero Ltd	Ethernovia Inc
McClellan, Brett	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Mellitz, Richard	Samtec, Inc.	Samtec, Inc.

Name	Employer	Affiliation
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Mitcheltree, Tom	US Conec, Ltd.	US Conec, Ltd.
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muhigana, Ernest	Lumentum LLC	Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica
MURAKAMI, YUKI	FUJITSU	FUJITSU
Murray, Brian	Analog Devices Inc.	Analog Devices Inc.
Murty, Ramana	Broadcom Inc.	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)
Noujeim, Leesa	Google	Google
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
OGAWA, SHOJI	Furukawa	FURUKAWA ELECTRIC
Omori, Kumi	NEC Corporation	NEC Corporation
Opsasnick, Eugene	Broadcom Inc.	Broadcom Inc.
Palkert, Thomas		Samtec-Macom

Name	Employer	Affiliation
Parkholm, Ulf	Telefon AB LM Ericsson	Ericsson AB
Perez De Aranda Alonso, Ruben	Knowledge Development for POF SL	Cisco Systems, Inc.
Phadke, Rohan		Arista Networks
Pineda, Luis	LP Tech Advisors, LLC	LP Tech Advisors, LLC; Samsung, Ethernovia
Pinto, Anthony		CoMira Solutions
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Rock, Jason		Dell Inc.; Dell Technologies
Rodes, Roberto	II-VI	II-VI
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Salvekar, Atul	Cadence Design Systems	Cadence
Sedarat, Hossein	Ethernovia	Ethernovia
Sekel, Steve	Wilder Technologies	Keysight Technologies
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Shanbhag, Megha	Тусо	TE Connectivity
Sharma, Rohit		Molex Incorporated
Sheffi, Nir	Alphawave	Alphawave
shirani, ramin	Ethernovia	Aquantia

Name	Employer	Affiliation
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Smith, Evan	Tektronix, Inc.	Tektronix, Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDIRES
Srivastava, Atul	NEL-America	NTT Electronics
Stephens, Jeremy	Intel	AMD
Strohmeier, Heiko	Robert Bosch GmbH	Robert Bosch GmbH
Sun, jingcong	Motorcomm Electronic Technology Co	Motorcomm Electronic Technology Co
Sun, Yi	OFS	Lightera
Swenson, Norman	Norman Swenson Consulting	Norman Swenson Consulting; Point2 Technology Inc.; Nokia
TAKAHARA, TOMOO	FUJITSU LABORATORIES LIMITED	FUJITSU LIMITED
TAN, SISI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Tanc, Ahmet		NXP Semiconductors; NXP Semiconductors
tian, yuchi		China Mobile
Torres, Luisma	Knowledge Development for POF SL	Knowledge Development for Plastic Optical Fiber
Tracy, Nathan	TE Connectivity	TE Connectivity

Name	Employer	Affiliation
Tran, Viet	Keysight Technologies	Keysight Technologies
Vakilian, Kambiz	Broadcom Corporation	Broadcom Corporation
Veloso Cauce, Gumersindo	BMW Group	BMW AG; BMW Group
Venkataraman, Srinivas		Facebook
Wang, Haojie	China Mobile Communications Corporation (CMCC)	China Mobile Communications Corporation (CMCC)
WANG, Xuebo		Huawei Technologies Co., Ltd
Watanabe, Yojiro	Mitsubishi Electric US, Inc.	Mitsubishi Electric US, Inc.
Weaver, James	Arista Networks	Arista Networks
Welch, Brian	Cisco Systems, Inc.	Luxtera
Wingrove, Michael	Ciena Corporation	Ciena Corporation
Withey, James	Fluke Corporation	Fluke Corporation
Wu, Peter	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
XU, LI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Yu, Rang-Chen	Innolight Technology Corproation	Innolight Technology Corproation
Zhang, Tingting	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zhuang, Yan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd

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

# 15 May 2025

Name	Employer	Affiliation
Akinwale, Oluwafemi		Intel Corporation
Bernier, Eric	Huawei Technologies Canada Co., Ltd.	Huawei Technologies Canada Co., Ltd.
Brown, Matthew	Alphawave	Alphawave
Bruckman, Leon	NVIDIA	NVIDIA
Calvin, John	Keysight Technologies	Keysight Technologies
Castro, Jose	Panduit	Panduit Corp.
Chan, Jason		Arista Networks
Chen, Chan	Self Employed	Independent/AOI
Choudhury, Golam	Lightera	Lightera
Cox, Ian		Broadcom Corporation
D'Ambrosia, John	Futurewei Technologies, U.S. Subsidiary of Huawei	Futurewei Technologies, U.S. Subsidiary of Huawei
Dodds, Michael		Leviton Manufacturing Co., Inc.
Dsilva, Hansel		Amphenol Corporation
Dudek, Michael	Marvell	Marvell
El-Chayeb, Ahmad	Keysight Technologies Inc	Keysight Technologies Inc

Name	Employer	Affiliation
Estes, David	Spirent Communications	Spirent Communications
Galan, Jose	MaxLinear, Inc.	MaxLinear, Inc.
Geng, Limin	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
George, John		Lightera
Ghiasi, Ali	Ghiasi Quantum LLC	Ghiasi Quantum LLC; Marvell Semiconductor, Inc.
He, Xiang	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Healey, Adam	Broadcom Inc.	Broadcom Inc.
Heck, Howard	TE Connectivity	TE Connectivity
Hidaka, Yasuo	Credo Semiconductor	Credo Semiconductor
Hiroaki, Kukita	Yamaichi Electronics	Yamaichi Electronics
Huang, Kechao		Huawei Technologies Co., Ltd
Huber, Thomas	Nokia	Nokia
lsono, Hideki	Furukawa FITEL Optical Components Limited	Fujitsu Optical Components Limited
Issenhuth, Tom	Issenhuth Consulting, LLC	Huawei Technologies Co., Ltd
Kareti, Upen	Cisco Systems, Inc.	Cisco Systems, Inc.
Kimber, Eric	Semtech Ltd	Semtech Ltd
Kochuparambil, Elizabeth	Cisco Systems, Inc.	Cisco Systems, Inc.
Kocsis, Sam	Amphenol Corporation	Amphenol Corporation
Kondo, Taiji	Dexerials Corporation	Dexerials Corporation

Name	Employer	Affiliation
Kota, Kishore	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Kutscher, Noam		Marvell
Landry, Gary	Texas Instruments Inc.	Texas Instruments Inc.
Law, David	Hewlett Packard Enterprise	Hewlett Packard Enterprise
Lessard, Stephane		Ericsson AB
Levin, Itamar	Altera Corporation, an Intel company	Altera Corporation, an Intel company
Levy, Nir		Alphawave Semi
Li, Mike-Peng	Intel	Intel
Li, Pei-Rong	MediaTek Inc.	MediaTek Inc.
Liu, Hai-Feng	HG Genuine	HG Genuine
Liu, Karen	Nubis Communications	Nubis Communications
Lusted, Kent	Synopsys, Inc.	Synopsys, Inc.
Maki, Jeffery	Juniper Networks, Inc.	Juniper Networks, Inc.
Malicoat, David	Malicoat Networking Solutions	Malicoat Networking Solutions; SENKO Advanced Components
Mascitto, Marco		Nokia
mi, guangcan	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Moorwood, Charles	Keysight Technologies	Keysight Technologies
Muhigana, Ernest	Lumentum LLC	Lumentum
Muller, Shimon	Enfabrica Corp.	Enfabrica

Name	Employer	Affiliation
MURAKAMI, YUKI	FUJITSU	FUJITSU
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)
Nowell, Mark	Cisco Systems, Inc.	Cisco Systems, Inc.
Ofelt, David	Juniper Networks, Inc.	Juniper Networks, Inc.
OGAWA, SHOJI	Furukawa	FURUKAWA ELECTRIC
Palkert, Thomas		Samtec-Macom
Perez De Aranda Alonso, Ruben	Knowledge Development for POF SL	Cisco Systems, Inc.
Phadke, Rohan		Arista Networks
Pinto, Anthony		CoMira Solutions
Rabinovich, Rick	Keysight Technologies	Keysight Technologies
Ran, Adee	Cisco Systems, Inc.	Cisco Systems, Inc.
Rodes, Roberto	II-VI	II-VI
Rysin, Alexander	NVIDIA	NVIDIA
Sakai, Toshiaki	Socionext Inc.	socionext
Sekel, Steve	Wilder Technologies	Keysight Technologies
Shakiba, Mohammad	Huawei Technologies Canada	Huawei Technologies Canada; Huawei Technologies Co., Ltd
Sheffi, Nir	Alphawave	Alphawave

Name	Employer	Affiliation
Shrikhande, Kapil	Marvell Semiconductor, Inc.	Marvell Semiconductor, Inc.
Simms, William	NVIDIA Corporation	NVIDIA Corporation
Smith, Evan	Tektronix, Inc.	Tektronix, Inc.
Sommers, Scott	Molex LLC	Molex Incorporated
Son, Yung Sung	Optomind Inc	Optomind Inc
Sorbara, Massimo	GLOBALFOUNDRIES	GLOBALFOUNDIRES
Stephens, Jeremy	Intel	AMD
Tracy, Nathan	TE Connectivity	TE Connectivity
Tran, Viet	Keysight Technologies	Keysight Technologies
Venkataraman, Srinivas		Facebook
WANG, Xuebo		Huawei Technologies Co., Ltd
Weaver, James	Arista Networks	Arista Networks
Welch, Brian	Cisco Systems, Inc.	Luxtera
Wingrove, Michael	Ciena Corporation	Ciena Corporation
XU, LI	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Xu, Yu	Huawei Technologies Co., Ltd	Huawei Technologies Co., Ltd
Zivny, Pavel	MultiLane	IEEE member / Self Employed